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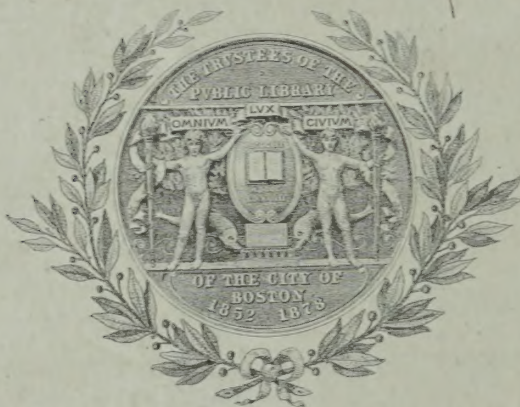
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1902-'04.



HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of January, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of January, 1902	933
Population estimated at 573,579	Rate per 1,000 inhabitants, 19.52

Total number 933

SEX.

Males 457
Females 476

CONDITION.

Single 458
Married 291
Widowed 172
Divorced 4
Unknown 8

COLOR.

White 905
Black (Negro or mixed) 28
Indian —
Chinese —
Japanese —

Total deaths of children, { Under 1 year 141
Under 2 years 192
Under 5 years 232

Diarrhœal diseases, { Under 1 year 5
Under 2 years 5
Under 5 years 5
All ages 10

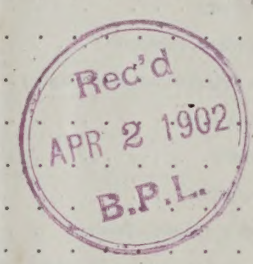
NATIVITY.

United States 603
Ireland 155
England 20
Scotland 7
Germany 20
British America 62
Italy 23
Russia 13
Sweden 5
Other Countries 15
Unknown 10

PARENTAGE.

United States 235
Irish 291
English 18
Scotch 11
German 25
British American 47
Italian 53
Russian 30
Swedish 6
Other Countries 14
Mixed 95
One parent unknown 53
Unknown 55
Still-births during the month 51

* 3761.9
1902-1909



MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January 1902.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																												
1. Typhoid Fever	7				1		1							1		1											5	2
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola	31	4	5	2		1	12	2			1	3	3	3	1	2	3						1			18	13	
6. Measles	8	3	1		1	1	6	1			1															4	4	
7. Scarletina	7			1	2	1	4	3																		2	5	
8. Whooping cough	8	3	2	1			6	2																		5	3	
9. Diphtheria and croup	3		1	1			2	1																		1	2	
9a. Diphtheria	28	5	4	2	4	5	20	4	2		1					1										11	17	
10. Grippe																												
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras																												
14. Dysentery	3									1										1		1				3		
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	5											1	1				2	1								1	4	
19. Other epidemic affections																												
20. Purulent infection and septicemia	6							1				1	1	1				1	1							2	4	
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc.																												
25. Pellagra																												
26. Tubercle of the larynx	1									1																1		
27. Tubercle of the lungs	123	5	1	1			7	4	1	6	12	23	19	19	6	4	6	2	7	5	1		1			73	50	
28. Tubercle of the meninges	6	2		2			4	1	1																	1	5	
29. Tubercle, abdominal																												
30. Pott's disease	1												1														1	
31. Abscess, cold and by congestion																												
32. Tumors, white (white swellings)																												
33. Tubercle of other organs	1												1														1	
34. Tubercle, generalized	1	1					1																				1	
35. Scrofula																												
36. Syphilis																												
3. Tertiary																												
4. Hereditary	1	1					1																				1	
37. Blennorrhagia of the adult																												
38. Gonococcal infections of the child																												
39. Cancer and other malignant tumors of the buccal cavity	2														1		1									1	1	
40. Cancer and other malignant tumors of the stomach and liver	9									1						1	1		2	2			1	1		2	7	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum .	10													3		1	1	1	2	1	1					3	7
42. Cancer and other malignant tumors of the genital organs of the female . .	12															1	2	2	4	1	1			1			12
43. Cancer and other malignant tumors of the breast	6														1	1	1		1		2						6
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	10										1	1		1	2			1	2	2						3	7
46. Other tumors (tumors of the female genital organs excepted)																											
47. Rheumatism, acute, articular	1					1	1																			1	
48. Rheumatism, chronic, and gout. . . .																											
49. Scorbutus																											
50. Diabetes	6												1				1	1	2	1						2	4
51. Gout, exophthalmic																											
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis	4	1					1							1	1			1								1	3
55. Other general diseases																											
56. Alcoholism, acute and chronic	8													3		1		2	1		1					7	1
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	308	25	14	10	8	9	66	18	5	7	18	31	27	33	13	13	16	12	23	14	6	1	3	2		148	160
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	13	3	3				6	2	1			1	1	1		1										9	4
61a. Meningitis, epidemic cerebrospinal . .	3	1	1				2	1																		3	
62. Locomotor ataxia, progressive	2																		2							2	
63. Other diseases of the spinal cord . . .																											
64. Cerebral congestion and hemorrhage .	47	2		1	1		4				2	1		1	2	2	3	3	6	10	4	2	3	4		19	28
65. Cerebral softening																											
66. Paralysis, without cause assigned . .	1														1											1	
67. General paralysis	12														2	1	1		2	1	1	4				8	
68. Other forms of mental alienation . . .																											
69. Epilepsy																											
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	8	6	1	1			8																			5	3
72. Tetanus	1				1		1																			1	
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system .	3												1					1		1						3	
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear	1		1				1																			1	
Total of the nervous system, etc., . . .	91	12	6	2	2		22	3	1		2	2	2	2	5	4	4	4	8	14	5	6	3	4		52	39
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	2													1						1						2	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1902.	AGE.																			SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.—Concluded.																												
78. Endocarditis, acute	5									2		1		1					1							1	4	
79. Organic diseases of the heart	80	1				1	1			2	2	3	2	6	10	6	6	12	10	7	4	6	1	1		38	45	
80. Angina pectoris	2																1		1							1	1	
81. Affections of the arteries (atheroma, aneurism, etc.)	5																	2			1	2			3	2		
82. Embolism and thrombosis	2																	1		1					1	1		
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)	1									1																	1	
84. Affections of the lymphatic system (lymphangitis, etc.)																												
85. Hemorrhages	3	2				2		1																		1	2	
86. Other affections of the circulatory apparatus																												
Total of circulatory apparatus	100	3				3	1	1		4	3	4	3	6	11	6	7	15	13	8	5	8	1	1		47	53	
IV. Diseases of the Respiratory Apparatus.																												
87. Diseases of the nasal fossæ																												
88. Affections of the larynx	2	1				1						1														2		
89. Affections of the thyroid body																												
90. Bronchitis, acute	25	7	6	2		15								2		2	1	2		1	1	1			8	17		
91. Bronchitis, chronic	5																			2	2		1			5		
92. Broncho-pneumonia	66	24	11		2	2	39	3		3	1	1		1	3	1	3	2	3	2		2	1	1		31	35	
93. Pneumonia	45	4	4	1		1	10	2		1		3		4	2		4	5	3	2	2	3	3		1	24	21	
94. Pleurisy	6		1	1		2					2							1		1						3	3	
95. Pulmonary congestion and apoplexy																												
96. Gangrene of the lung	1												1													1		
97. Asthma																												
98. Emphysema, pulmonary	1																			1						1		
99. Other diseases of the respiratory apparatus (phthisis excepted)																												
Total respiratory apparatus	151	36	22	4	2	3	67	5		4	1	6		7	5	3	7	10	7	7	5	8	5	3	1	70	81	
V. Diseases of the Digestive Apparatus.																												
100. Affections of the mouth and its adnexa,																												
101. Affections of the pharynx																												
102. Affections of the esophagus																												
103. Ulcer of the stomach	4												1	1			1		1							2	2	
104. Other affections of the stomach (cancer excepted)	2													1					1								2	
105. Diarrhœa and enteritis (under two years)	5	5				5																				2	3	
105a. Diarrhœa and enteritis, chronic	2									1										1						1	1	
106. Diarrhœa and enteritis (two years and over)	1																			1						1		
107. Parasites, intestinal																												
108. Hernia, intestinal obstructions	11	1				1						1			1		3	1	3		1					7	4	
109. Other affections of the intestines																												
110. Icterus, grave																												
111. Hydatid tumors of the liver																												
112. Cirrhosis of the liver	5													1	1	1				1	1					4	1	
113. Biliary calculi																												
114. Other affections of the liver	9										1	1	2		1		1	2		1						3	6	
115. Affections of the spleen																												

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1902.	AGE.																				SEX.			
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																			Males.	Females.			
IX. Diseases of the Organs of Locomotion. — Concluded.																									
149. Other affections of the organs of locomotion																									
Total organs locomotion																									
X. Malformations.																									
150. Malformations, congenital (still-births excepted)																									
XI. Early Infancy.																									
151. Congenital debility, icterus and sclerema																									
152. Other diseases appertaining to infancy,																									
153. Lack of care																									
Total early infancy																									
XII. Old Age.																									
154. Senile debility																									
XIII. Affections Produced by External Causes.																									
155. Suicide by poison																									
156. Suicide by asphyxia																									
157. Suicide by hanging or strangulation																									
158. Suicide by submersion																									
159. Suicide by firearms																									
160. Suicide by cutting instruments																									
161. Suicide by jumping from high places																									
162. Suicide by crushing																									
163. Other suicides																									
164. Fractures																									
165a. Luxations																									
166. Other accidental traumatisms																									
167. Burns and scalds																									
168. Burns by corrosive substances																									
169. Insolation																									
170. Freezing																									
171. Electrical disturbances																									
172. Accidental submersion																									
173a. Inanition																									
174. Absorption of deleterious gases (suicide excepted)																									
175. Other acute poisonings																									
176. Other external violence																									
Total affections, etc.																									
XIV. Ill-defined Diseases.																									
177. Dropsy																									
178. Sudden death																									
179. Non-specified or ill-defined causes of death																									
Total ill-defined diseases																									
Total from all causes,																									

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized , gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. er of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 s. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. e reservoirs, 10.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Jan. 1902.	Jan. 1901.	Jan. 1902.	Jan. 1901.		Jan. 1902.	Jan. 1901.	Jan. 1902.	Jan. 1901.
Cholera	—	—	—	—	Measles	492	256	1	—
Chicken-pox	79	27	—	—	Scarlatina	119	166	—	—
Cerebro-spinal Meningitis . .	8	—	—	—	Smallpox	177	—	10	—
Diphtheria and Croup . . .	235	634	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	55	59	—	—
Tuberculosis	71	130	—	—	Yellow fever	—	—	—	—

Cattle inspected	2,726
Calves	"	922
Sheep	"	1,243
Hogs	"	255
<hr/>								
Cattle condemned, 14	5,915 lbs.
Calves	"	—	— "
Sheep	"	—	— "
Hogs	"	—	— "

MEATS.	
Veal (immatured)	1,450 lbs.
Poultry	112 "
Pork	180 "
Mutton	75 "
FRUIT.	
Bananas	500 bunches.
Oranges	18 boxes.
Peanuts	8 bushels.

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	101	452	2	9	41	—	605
Release	15	43	1	108	231	1	399
TOTALS	116	495	3	117	272	1	1,004
	Positive.		Negative.	Unsat.			
Tuberculosis	55		141	—		196	
Typhoid	10		74	5		89	
Glanders	3		3	4		10	
Other Examinations	1		10	1		12	
	GRAND TOTAL . . .						1,311

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of January, 1902, as reported by J. W. SMITH, L. F. O., Weather Bureau.

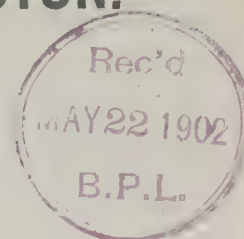
DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.38	11	50	N.W.	.00	Mean Barometer, 29.92.
2	30.25	23	68	S.W.	.00	Highest Barometer, 30.52 on the 29th.
3	29.90	26	77	W.	.03	Lowest Barometer, 28.98 on the 12th.
4	30.32	10	72	N.W.	.00	Monthly Range of Barometer, 1.54.
5	30.34	20	59	W.	.00	Mean Temperature, 27.
6	30.28	28	80	W.	.00	Highest Temperature, 54 on the 27th.
7	30.15	26	91	N.	.33	Lowest Temperature, 4 on the 4th.
8	30.10	24	90	N.	.05	Monthly Range of Temperature, 50.
9	30.06	29	82	N.W.	.00	Greatest Daily Range of Temperature, 30 on the 3d, 27th.
10	29.81	29	86	W.	.02	Least Daily Range of Temperature, 6 on the 10th.
11	29.52	35	90	S.W.	*T	Mean Daily Range of Temperature, 14.8.
12	29.24	26	88	S.W.	.53	Mean Daily Dew-point, 19.
13	29.60	20	78	W.	.00	Mean Daily Relative Humidity, 73.
14	30.06	20	76	W.	.00	Prevailing Direction of Wind, W.
15	29.98	33	76	S.	.00	Total Movement of Wind, 8,922 miles.
16	29.83	35	76	W.	.00	Highest Velocity of Wind and Direction, 38 W. on 28th.
17	29.93	26	68	N.W.	.00	Number of Foggy Days, none. Number of Fair Days, 4.
18	30.00	30	66	S.W.	.00	Number of Clear Days, 12. Number of Cloudy Days, 15.
19	30.09	30	58	N.W.	.00	Total Number of Days on which Rain or Snow fell, 7.
20	30.44	24	66	N.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	30.18	33	88	E.	*T	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.45	43	96	S.E.	.59	Dates of Solar Halos, 29th.
23	29.54	36	82	W.	.00	Thunder Storm, none. Dates of Frosts, none.
24	29.96	34	56	W.	.00	Mean Maximum Temperature, 34. Mean Minimum Temperature, 20.
25	30.40	28	68	N.W.	.00	MEAN TEMPERATURE for this month in 1871 26 1872 27 1873 26 1874 31 1875 20 1876 30 1877 33 1878 28 1879 24 1880 35 1881 22 1882 26 1883 25 1884 24 1885 27 1886 26 1887 26 1888 20 1889 36 1890 32 1891 31 1892 28 1893 21 1894 30 1895 29 1896 25 1897 28 1898 29 1899 30 1900 30 1901 28
26	30.50	32	84	S.	*T	
27	30.00	39	64	W.	.10	Total Precipitation for this Month in Inches 1871 0.92 1872 2.17 1873 5.76 1874 4.32 1875 3.68 1876 1.87 1877 3.33 1878 7.60 1879 2.79 1880 3.72 1881 7.21 1882 3.68 1883 3.59 1884 6.27 1885 5.33 1886 7.08 1887 4.06 1888 2.26 1889 4.11 1890 2.00 1891 4.39 1892 4.62 1893 2.56 1894 3.01 1895 3.79 1896 2.25 1897 3.16 1898 3.50 1899 4.19 1900 4.20 1901 1.56
28	30.54	18	36	N.W.	.00	
29	30.55	16	56	N.W.	.00	
30	30.30	19	72	N.W.	*T	
31	30.40	20	68	N.	.00	
TOTALS	—	—	—	—	1.65	
MEANS	29.92	27.	73	W.	.053	

* T indicates trace of precipitation.

Average mean temperature for 32 years, 37.1.

Average monthly precipitation for 32 years, 2.1.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of February, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of February, 1902	914
Population estimated at	573,579
Rate per 1,000 inhabitants,	19.12

Total number 914

SEX.

Males	481
Females	433

CONDITION.

Single	463
Married	293
Widowed	147
Divorced	3
Unknown	8

COLOR.

White	877
Black (Negro or mixed)	33
Indian	—
Chinese	4
Japanese	—

Total deaths of children,	Under 1 year	174
	Under 2 years	213
	Under 5 years	250

Diarrhœal diseases,	Under 1 year	8
	Under 2 years	8
	Under 5 years	9
	All ages	11

NATIVITY.

United States	597
Ireland	157
England	24
Scotland	4
Germany	11
British America	67
Italy	14
Russia	9
Sweden	6
Other Countries	16
Unknown	9

PARENTAGE.

United States	209
Irish	297
English	14
Scotch	5
German	16
British American	62
Italian	36
Russian	25
Swedish	12
Other Countries	22
Mixed	83
One parent unknown	57
Unknown	76
Still-births during the month	50

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4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola	20	2	1	2	1	6				1	4	3			1	1	1	2					1			11	9	
6. Measles	10	1	4		3	8	1			1																5	5	
7. Scarletina	5			1	1	1	3	1	1																	4	1	
8. Whooping cough	8	5	1		1	7	1																			5	3	
9. Diphtheria and croup	1			1		1																					1	
9a. Diphtheria	24	9	3	2	1	3	18	4	1	1																14	10	
10. Grippe	1																				1						1	
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras																												
14. Dysentery																												
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	6	5				5											1									7	1	
19. Other epidemic affections																												
20. Purulent infection and septicemia	7	1				1	1				1	1				1	1	1								5	2	
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc.																												
25. Pellagra																												
26. Tubercle of the larynx	1									1																1		
27. Tubercle of the lungs	110		1		1	2		5	8	11	20	22	10	16	3	5	4	2		1	1					61	49	
28. Tubercle of the meninges	5	1			2	3		1											1							3	2	
29. Tubercle, abdominal																												
30. Pott's disease																												
31. Abscess, cold and by congestion																												
32. Tumors, white (white swellings)																												
33. Tubercle of other organs	3										1			1	1											2	1	
34. Tubercle, generalized	4	2				2					1			1												2	2	
35. Scrofula																												
36. Syphilis																												
3. Tertiary	2										1			1												2		
4. Hereditary	1	1				1																					1	
37. Blennorrhagia of the adult																												
38. Gonococcal infections of the child																												
39. Cancer and other malignant tumors of the buccal cavity	4														1		1		1	1						3	1	
40. Cancer and other malignant tumors of the stomach and liver	17													1		2	2	1	5	3	2	1				11	6	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	6											1			1	2				2						1	5
42. Cancer and other malignant tumors of the genital organs of the female . . .	7															2	1	3		1							7
43. Cancer and other malignant tumors of the breast . . .	3																1				2						3
44. Cancer and other malignant tumors of the skin . . .																											
45. Cancer and other malignant tumors of organs not specified . . .	7										2						1	1	3							4	3
46. Other tumors (tumors of the female genital organs excepted) . . .	2	1				1		1																		2	
47. Rheumatism, acute, articular . . .	2												1								1					2	
48. Rheumatism, chronic, and gout. . .	1																			1							1
49. Scorbutus . . .																											
50. Diabetes . . .	7										1		2				1	1		1					2	5	
51. Goitre, exophthalmic . . .	1										1														1		
52. Addison's disease . . .																											
53. Leukemia . . .																											
54. Anemia, chlorosis . . .	3										1				1					1							3
55. Other general diseases . . .																											
56. Alcoholism, acute and chronic . . .	7											1	1	3			1	1								6	1
57. Saturnism . . .																											
58. Other trade intoxications . . .																											
59. Other chronic poisonings . . .																											
Total general diseases . . .	284	27	11	6	7	7	58	8	10	9	18	30	33	15	22	10	15	14	16	9	9	7	1			156	128
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis . . .																											
61. Meningitis, simple . . .	15	6	2	1	1		10		1					1	1	1				1						7	8
61a. Meningitis, epidemic cerebrospinal . .	3	1	1				2	1																		2	1
62. Locomotor ataxia, progressive . . .																											
63. Other diseases of the spinal cord . . .	2													1		1										2	
64. Cerebral congestion and hemorrhage . .	42	1					1				1	1		1	2	1	7	4	2	6	8	6	1	1		21	21
65. Cerebral softening . . .	2							1								1										2	
66. Paralysis, without cause assigned . . .	10															1			4	1	1	2	1			3	7
67. General paralysis . . .	7									1				2		1					1	2				5	2
68. Other forms of mental alienation . . .	3																1		1				1			1	2
69. Epilepsy . . .																											
70. Eclampsia (non-puerperal) . . .																											
71. Convulsions of children . . .	9	9					9																			5	4
72. Tetanus . . .																											
73. Chorea . . .																											
74. Hysteria . . .																											
74b. Other affections of the nervous system .	4										1	1			1			1								2	2
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear . . .																											
Total of the nervous system, etc., . . .	97	17	3	1	1		22	2	1		3	2		1	7	3	12	5	7	8	10	10	3	1		50	47
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis . . .	2																1		1							2	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	10	1				1	1	1	1				1		1	1		2			1					7	3
79. Organic diseases of the heart	94		1			1			2	5	4	6	6	6	2	9	15	10	11	6	6	5				42	5
80. Angina pectoris	8															1		1	1							2	1
81. Affections of the arteries (atheroma, aneurism, etc.)	9														1	3		1		1		3				8	1
82. Embollism and thrombosis	5												1		1	1	1		1							2	3
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)	1																	1								1	
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages																											
86. Other affections of the circulatory appa- ratus																											
Total of circulatory apparatus	124	1	1			2	1	1	3	5	4	6	7	7	4	16	17	14	15	7	6	9				64	60
V. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ	1		1			1																				1	
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	32	20	3	2	1	26					1			2				1	1				1			14	18
91. Bronchitis, chronic	13	1				1					1				1			1		2	6	1				5	8
92. Broncho-pneumonia	68	23	11	3		1	38	1	1		1	1	1	2	2	2	3	5	4		2	3	1		1	41	27
93. Pneumonia	34	2	2			4			3	2	1	3	1	6	2	2	3	2	1	2	2					21	13
94. Pleurisy	6				1	1	1	1				1				1			1							4	2
95. Pulmonary congestion and apoplexy	3	1	1			2														1						2	1
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory appa- ratus (phthisis excepted)																											
Total respiratory apparatus	157	47	17	6	2	1	73	2	2	3	3	4	5	3	10	5	6	8	8	3	7	11	2	1	1	88	69
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx	4	2	1			3													1							3	1
102. Affections of the esophagus	2							1	1																	1	1
103. Ulcer of the stomach	1								1																		1
104. Other affections of the stomach (cancer excepted)	2																		1	1							2
105. Diarrhœa and enteritis (under two years)	8	8				8																				3	5
105a. Diarrhœa and enteritis, chronic	2			1		1													1								2
106. Diarrhœa and enteritis (two years and over)	1																		1							1	
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	11					1	1						1	1		1		1	3	2				1		6	5
109. Other affections of the intestines	1													1												1	
110. Icterus, grave																											
112. Cirrhosis of the liver	8												1		3	1	1	1	1							7	1
113. Biliary calculi																											
114. Other affections of the liver	7											1			3	1	1		1							1	6
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

[illegible]

CAUSES OF DEATH.		Total Mortality for February, 1902.	AGE.																				SEX.					
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion		4		3			3		1																		1	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)		2	2				2																				1	1
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema		52	52				52																				25	27
152. Other diseases appertaining to infancy,		11	11				11																				7	4
153. Lack of care		1	1				1																					1
Total early infancy		64	64				64																				32	32
XII. Old Age.																												
154. Senile debility		25																	1	3	3	5	6	4	3		7	18
XIII. Affections Produced by External Causes.																												
155. Suicide by poison		2												1			1										2	
156. Suicide by asphyxia		2														1		1									2	
157. Suicide by hanging or strangulation																												
158. Suicide by submersion																												
159. Suicide by firearms		1											1														1	
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures		4					1				1			1	1												4	
165a. Luxations																												
166. Other accidental traumatisms		11					2				1		1		1	3	1	1				1				9	2	
167. Burns and scalds																												

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF FEBRUARY, 1902, AND FOR THE CORRESPONDING MONTH IN 1901.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Feb. 1902.	Feb. 1901.	Feb. 1902.	Feb. 1901.		Feb. 1902.	Feb. 1901.	Feb. 1902.	Feb. 1901.
Cholera	—	—	—	—	Measles	662	173	—	—
Chicken-pox	114	17	—	—	Scarlatina	88	133	—	—
Cerebro-spinal Meningitis	12	5	—	—	Smallpox	148	—	3	—
Diphtheria and Croup	196	377	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	67	96	—	—	Typhoid fever	30	30	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,043
Calves "	1,801
Sheep "	1,561
Hogs "	113
Cattle condemned, 13	5,279 lbs.
Calves " —	"
Sheep " —	"
Hogs " —	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	2,752 lbs.
Poultry	"
Pork	"
Mutton	"

FRUIT.

Bananas	— bunches.
Oranges	— boxes.
Peanuts	— bushels.

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	85	585	4	6	47	—	727
Release	10	30	—	63	168	1	272
TOTALS	95	615	4	69	215	1	999
	Positive.		Negative.		Unsat.		
Tuberculosis	51		149		—		200
Typhoid	4		67		4		75
Glanders	—		—		4		4
Other Examinations	—		6		—		6
	GRAND TOTAL						1,284

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

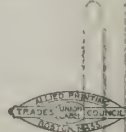
For the month of February, 1902, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.22	32	92	E.	.16	Mean Barometer, 29.79.
2	29.74	40	92	N.E.	.82	Highest Barometer, 30.28 on the 1st.
3	29.46	26	54	W.	.04	Lowest Barometer, 28.78 on the 17th.
4	29.77	22	80	S.W.	*T	Monthly Range of Barometer, 1.50.
5	29.98	18	60	N.W.	.01	Mean Temperature, 28.8.
6	30.04	20	61	W.	.0	Highest Temperature, 52 on the 27th.
7	29.75	26	53	W.	.0	Lowest Temperature, 12 on the 6th.
8	29.36	20	70	W.	*T	Monthly Range of Temperature, 40.
9	29.43	30	64	W.	*T	Greatest Daily Range of Temperature, 23 on the 20th.
10	29.63	29	60	W.	.0	Least Daily Range of Temperature, 4 on the 17th.
11	29.78	21	68	W.	.0	Mean Daily Range of Temperature, 12.5.
12	29.80	22	70	W.	.0	Mean Daily Dew-point, 21.4.
13	29.82	26	83	N.W.	*T	Mean Daily Relative Humidity, 75.6.
14	30.02	31	60	N.W.	.01	Prevailing Direction of Wind, W.
15	30.14	31	55	N.W.	.0	Total Movement of Wind, 9,832 miles.
16	30.08	26	70	E.	.0	Highest Velocity of Wind and Direction, 46 W. on 3d.
17	29.58	32	97	N.E.	1.02	Number of Foggy Days, 1. Number of Fair Days, 8.
18	29.07	28	84	W.	.10	Number of Clear Days, 11. Number of Cloudy Days, 9.
19	29.68	22	66	N.W.	.0	Total Number of Days on which Rain or Snow fell, 16.
20	30.16	30	58	W.	.0	Depth of Unmelted Snow on ground at end of month, none.
21	30.11	30	90	N.E.	.08	Dates of Auroras, none. Dates of Lunar Halos, 16th.
22	29.82	28	34	N.E.	.29	Dates of Solar Halos, 4th, 6th.
23	30.05	26	68	N.	.0	Thunder Storm, none. Dates of Frosts, none.
24	30.20	34	90	S.	.0	Mean Maximum Temperature, 35.1. Mean Minimum Temperature, 22.6.
25	30.12	36	91	N.E.	.0	MEAN TEMPERATURE for this month in
26	29.66	38	100	N.E.	1.40	1871 29
27	29.83	46	88	N.	*T	1872 28
28	29.86	40	100	E.	.26	1873 27
29	—	—	—	—	—	1874 28
30	—	—	—	—	—	1875 22
31	—	—	—	—	—	1876 27
TOTALS	—	—	—	—	4.19	1877 32
MEANS	29.79	28.8	75.6	W.	.149	1878 29
						1879 24
						1880 32
						1881 28
						1882 30
						1883 29
						1884 31
						1885 20
						1886 27
						1887 29
						1888 28
						1889 26
						1890 33
						1891 32
						1892 28
						1893 27
						1894 27
						1895 25
						1896 29
						1897 31
						1898 33
						1899 27
						1900 29
						1901 24
						1902 29
						1871 2.63
						1872 2.31
						1873 3.21
						1874 3.41
						1875 3.74
						1876 4.54
						1877 0.45
						1878 4.40
						1879 4.35
						1880 4.11
						1881 4.89
						1882 4.77
						1883 2.74
						1884 5.74
						1885 3.00
						1886 7.04
						1887 3.09
						1888 2.36
						1889 1.54
						1890 2.29
						1891 3.66
						1892 2.15
						1893 6.22
						1894 3.15
						1895 1.11
						1896 3.94
						1897 2.42
						1898 1.81
						1899 3.03
						1900 6.83
						1901 0.66
						1902 4.19

* T indicates trace of precipitation.

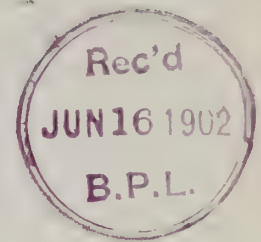
Average mean temperature for 32 years, 28.

Average monthly precipitation for 32 years, 3.45.



JACK E. SMITH

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of March, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of March,	1902	1,021
Population estimated at	573,579	Rate per 1,000 inhabitants, 21.36

Total number 1,021

SEX.

Males 524
Females 497

CONDITION.

Single 534
Married 306
Widowed 173
Divorced 3
Unknown 5

COLOR.

White 989
Black (Negro or mixed) 30
Indian —
Chinese 2
Japanese —

Total deaths of children, {
Under 1 year 183
Under 2 years 233
Under 5 years 281

Diarrhœal diseases, {
Under 1 year 13
Under 2 years 15
Under 5 years 16
All ages 18

NATIVITY.

United States 643
Ireland 199
England 25
Scotland 8
Germany 11
British America 68
Italy 18
Russia 11
Sweden 7
Other Countries 16
Unknown 15

PARENTAGE.

United States 241
Irish 320
English 24
Scotch 10
German 21
British American 74
Italian 43
Russian 22
Swedish 9
Other Countries 27
Mixed 102
One parent unknown 51
Unknown 77
Still-births during the month 45

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1902.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	12	1	1			2		2		4	1	1	1		1											7	5
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia	4						1				1						1		1							3	1
4a. Malarial cachexia																											
5. Variola	14	1		2	1	4		2		1		2	2	2	1											8	6
6. Measles	12	5	3	1	1	10	1		1																	12	
7. Scarlatina	2				2	2																				2	
8. Whooping cough	7	4	1	1		1	7																			4	3
9. Diphtheria and croup	3			1	1	2	1																			3	
9a. Diphtheria	15	1	2	2	4	1	10	3		1		1														7	8
10. Grippe	5								1									1		2		1				4	1
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	10	3	1		1	5			2		1				1		1									3	7
19. Other epidemic affections	1		1			1																				1	
20. Purulent infection and septicemia	14	1				1	2			2	2	1	1	2	1	1			1							5	9
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	119	2	1	2		5	2	3	7	14	17	19	16	8	7	12	3	3		2			1		65	54	
28. Tubercle of the meninges	11	1	1	1	1	2	6	4		1															8	3	
29. Tubercle, abdominal	2	1	1			2																				2	
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	3							1	1				1													3	
34. Tubercle, generalized	2	1				1							1													2	
35. Scrofula																											
36. Syphilis																											
3. Tertiary	1														1											1	
4. Hereditary	4	4				4																				2	2
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	2									1														1		1	1
40. Cancer and other malignant tumors of the stomach and liver	13										2		1	1	2	4	2	1								4	9

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submerston																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submerston																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Number of reservoirs, 10.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	March, 1902.	March, 1901.	March, 1902.	March, 1901.		March, 1902.	March, 1901.	March, 1902.	March, 1901.
Cholera	—	—	—	—	Measles	833	322	1	—
Chicken-pox	79	48	—	—	Scarlatina	75	144	—	—
Cerebro-spinal Meningitis . .	15	4	—	—	Smallpox	84	1	—	—
Diphtheria and Croup . . .	172	375	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	34	16	—	—
Tuberculosis	102	89	—	—	Yellow fever	—	—	—	—

Cattle inspected	2,204
Calves	"	1,456
Sheep	"	869
Hogs	"	87
Cattle condemned, 9	3,773 lbs.
Calves	"	—	— "
Sheep	"	—	— "
Hogs	"	—	— "

Kale	99	barrels,
Cucumbers	—	bushel.

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	61	520	5	11	42	—	639
Release	8	25	—	91	191	2	317
TOTALS	69	545	5	102	233	2	956
	Positive.		Negative.	Unsat.			
Tuberculosis	38		147	—		185	
Typhoid	1		58	5		64	
Glanders	2		—	3		5	
Other Examinations	2		6	—		8	
	GRAND TOTAL . . .						1,218

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of March, 1902, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.70	54	83	S.W.	1.46	Mean Barometer, 29.94.
2	29.36	47	92	S.W.	.13	Highest Barometer, 30.55 on the 15th.
3	29.54	42	74	W.	.0	Lowest Barometer, 29.10 on the 2d.
4	29.84	36	58	W.	.0	Monthly Range of Barometer, 1.45.
5	29.82	31	75	N.E.	.65	Mean Temperature, 43
6	29.92	32	66	N.W.	.14	Highest Temperature, 69 on the 12th.
7	30.25	38	47	S.W.	.0	Lowest Temperature, 26 on the 18th.
8	30.50	39	73	E.	.0	Monthly Range of Temperature, 43.
9	30.04	38	94	S.E.	.57	Greatest Daily Range of Temperature, 27 on the 16th.
10	30.14	40	63	N.W.	.0	Least Daily Range of Temperature, 6 on the 5th.
11	30.32	42	82	S.E.	.0	Mean Daily Range of Temperature, 14.
12	29.92	56	67	S.W.	*T	Mean Daily Dew-point, 34.
13	29.62	52	91	S.W.	.08	Mean Daily Relative Humidity, 74.
14	30.32	38	58	N.E.	.05	Prevailing Direction of Wind, S.W.
15	30.50	40	68	E.	.0	Total Movement of Wind, 9,794 miles.
16	30.30	48	90	S.	*T	Highest Velocity of Wind and Direction, 44 N.E. on the 22d.
17	29.90	50	89	N.W.	.79	Number of Foggy Days, 0. Number of Fair Days, 7.
18	29.90	34	56	N.W.	.0	Number of Clear Days, 11. Number of Cloudy Days, 13.
19	29.50	34	74	N.W.	.09	Total Number of Days on which Rain or Snow fell, 19.
20	29.71	38	86	N.W.	.12	Depth of Unmelted Snow on ground at end of month, none.
21	29.84	46	80	N.	.01	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.93	52	71	N.W.	*T	Dates of Solar Halos, 7th.
23	30.00	50	70	N.	.0	Thunder Storm, none. Dates of Frosts, none.
24	30.04	40	62	N.	*T	Mean Maximum Temperature, 50. Mean Minimum Temperature, 36.
25	30.17	40	70	E.	*T	MEAN TEMPERATURE for this month in
26	30.36	37	73	E.	.0	Total Precipitation for this Month in Inches.
27	30.21	46	52	S.W.	.0	1871 42
28	30.01	49	87	S.W.	.07	1872 27
29	29.67	53	96	S.	1.13	1873 35
30	29.60	54	74	W.	.0	1874 35
31	29.38	46	68	S.W.	*T	1875 31
TOTALS	—	—	—	—	5.29	1876 33
MEANS	29.94	43	74	S.W.	.170	1877 34
						1878 39
						1879 33
						1880 33
						1881 36
						1882 35
						1883 31
						1884 34
						1885 28
						1886 34
						1887 32
						1888 32
						1889 38
						1890 35
						1891 34
						1892 33
						1893 34
						1894 42
						1895 35
						1896 32
						1897 37
						1898 43
						1899 34
						1900 34
						1901 36
						1902 43

* T indicates trace of precipitation.

Average mean temperature for 32 years, 35.

Average monthly precipitation for 32 years, 4.21.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

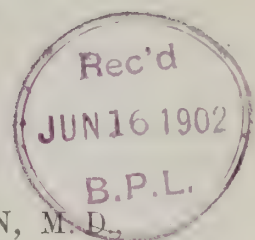


Statement of Deaths for the month of April, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.

Chairman.



(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of April,	1902	932
Population estimated at	573,579	Rate per 1,000 inhabitants, 19.498

Total number	932
SEX.	
Males	482
Females	450
CONDITION.	
Single	464
Married	317
Widowed	141
Divorced	3
Unknown	7

COLOR.	
White	896
Black (Negro or mixed)	34
Indian	—
Chinese	2
Japanese	—

Total deaths of children,	Under 1 year	159
	Under 2 years	224
	Under 5 years	276
Diarrhœal diseases,	Under 1 year	5
	Under 2 years	9
	Under 5 years	9
	All ages	13

NATIVITY.	
United States	592
Ireland	152
England	25
Scotland	10
Germany	19
British America	72
Italy	16
Russia	11
Sweden	4
Other Countries	14
Unknown	17

PARENTAGE.	
United States	208
Irish	270
English	22
Scotch	16
German	19
British American	52
Italian	45
Russian	23
Swedish	15
Other Countries	54
Mixed	83
One parent unknown	47
Unknown	78
Still-births during the month	66

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1902.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																												
1. Typhoid Fever	6											1	1	1	1		1		1								5	1
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola	15	1	1				2	1			2	2	2		3		1	1	1								10	5
6. Measles	11	5	3	1	1		10				1																8	3
7. Scarlatina	6		3				3	1	1	1																	2	4
8. Whooping cough	2		2				2																				1	1
9. Diphtheria and croup	2	1					1	1																			2	
9a. Diphtheria	21	5	5	2	6		18	2									1										12	9
10. Grippe	5				1		1					1									1	2					2	3
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras																												
14. Dysentery	2	1					1											1										2
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	12	8					8					1		1	1					1							4	8
19. Other epidemic affections																												
20. Purulent infection and septicemia	12			1			1				2	1	2	1	2	2	1										6	6
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc.																												
25. Pellagra																												
26. Tubercle of the larynx																												
27. Tubercle of the lungs	92	2	2	1	1		6		3	3	19	10	14	14	12	4	4	1		1	1						50	42
28. Tubercle of the meninges	13	3	5	1		2	11	1		1																	6	7
29. Tubercle, abdominal	1																			1							1	
30. Pott's disease																												
31. Abscess, cold and by congestion																												
32. Tumors, white (white swellings)																												
33. Tubercle of other organs																												
34. Tubercle, generalized	8	1	3			1	5	1							2												5	3
35. Scrofula	1					1	1																					1
36. Syphilis																												
3. Tertiary	1															1												1
4. Hereditary	2	2					2																				1	1
37. Bleorrhagia of the adult																												
38. Gonococcal infections of the child																												
39. Cancer and other malignant tumors of the buccal cavity	4										1						1	1			1						3	1
40. Cancer and other malignant tumors of the stomach and liver	15												1	1	1	3	2	3	2	1		1					9	6

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1902.	AGE.																			SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	7											1	1	1			3		1								3	4
42. Cancer and other malignant tumors of the genital organs of the female . . .	13									1			1	2			1	4		4								13
43. Cancer and other malignant tumors of the breast . . .	3													1				1	1									3
44. Cancer and other malignant tumors of the skin . . .																												
45. Cancer and other malignant tumors of organs not specified . . .	4																	1		1	1				1		1	3
46. Other tumors (tumors of the female genital organs excepted) . . .	2																	1		1							2	
47. Rheumatism, acute, articular . . .	3							1													2						1	2
48. Rheumatism, chronic, and gout. . .	2											1			1												1	1
49. Scorbutus . . .																												
50. Diabetes . . .	6												1	1	1					1	1				1		3	3
51. Gout, exophthalmic . . .	1										1																	1
52. Addison's disease . . .																												
53. Leukemia . . .																												
54. Anemia, chlorosis . . .	2	1	1				2																					2
55. Other general diseases . . .																												
56. Alcoholism, acute and chronic . . .	8										2						1	4	1								7	1
57. Saturnism . . .																												
58. Other trade intoxications . . .																												
59. Other chronic poisonings . . .																												
Total general diseases . . .	282	30	25	6	9	4	74	8	4	5	26	18	23	20	27	13	16	18	6	13	8	1		2		145	137	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis . . .																												
61. Meningitis, simple . . .	22	8	6	3	1		18	2			1							1									9	13
61a. Meningitis, epidemic cerebrospinal . .	8	1	3	2			6	1			1																3	5
62. Locomotor ataxia, progressive . . .																												
63. Other diseases of the spinal cord . . .	4	1		1			2					1									1						2	2
64. Cerebral congestion and hemorrhage . .	43		1				1		1				2	2	3	2	7	4	5	7	5	3	1			23	20	
65. Cerebral softening . . .	2																						1	1			2	
66. Paralysis, without cause assigned . . .	3														1				1				1				1	2
67. General paralysis . . .	8												1		1		2	2		1	1						4	4
68. Other forms of mental alienation . . .																												
69. Epilepsy . . .	3												1		1				1								3	
70. Eclampsia (non-puerperal) . . .																												
71. Convulsions of children . . .	4	4					4																				2	2
72. Tetanus . . .																												
73. Chorea . . .	1							1																				1
74. Hysteria . . .																												
74b. Other affections of the nervous system .	8		1			1	2			2			1						1		1			1			5	3
75. Diseases of the eye and appendages . .																												
76. Diseases of the ear . . .																												
Total of the nervous system, etc., . . .	106	14	11	6	1	1	33	4	1	2	2	1	3	2	4	4	4	10	6	7	10	5	6	2		54	52	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis . . .	2													1						1							1	1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	11		2			2	1	1				1	1		1		1	1		1	1					3	8
79. Organic diseases of the heart	80			1		1	1	2	3	2	1	2	5	5	8	7	10	5	13	7	5	2	1			43	37
80. Angina pectoris	5																2	1	1		1					5	
81. Affections of the arteries (atheroma, aneurism, etc.)	5											1							2		1	1				2	3
82. Embolism and thrombosis	1														1											1	
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)	1														1											1	
85. Hemorrhages	1	1				1																				1	
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	106	1		2	1	4	2	3	3	2	1	3	8	5	11	7	13	8	16	8	8	3	1			57	49
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx	1																		1							1	
89. Affections of the thyroid body																											
90. Bronchitis, acute	13	3	3	1		7	1		1	1		1							1			1				8	5
91. Bronchitis, chronic	9											2	1		1		1	2	1	1						4	5
92. Broncho-pneumonia	51	18	5	3	2	2	30	3			1	1	2		2	2	2	5	1		1		1			33	18
93. Pneumonia	66	10	11	5	1	1	28			1	5	1	1	2	7	1	5	3	4	2	1	2	3			28	38
94. Pleurisy	2								2																	1	1
95. Pulmonary congestion and apoplexy	1			1		1																					1
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)	3											1		1	1											2	1
Total respiratory apparatus	146	31	19	9	4	3	66	4	2	2	6	2	5	6	7	5	8	6	11	5	3	3	4	1		77	69
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx	2												1	1												1	1
102. Affections of the esophagus																											
103. Ulcer of the stomach	3									1			1	1												1	2
104. Other affections of the stomach (cancer excepted)	4	2				2											1				1					1	3
105. Diarrhœa and enteritis (under two years)	8	4	4			8																				4	4
105a. Diarrhœa and enteritis, chronic	1																1									1	
106. Diarrhœa and enteritis (two years and over)	2																1			1						1	1
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	5	2				2											1		1	1						2	3
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	7											1					2	2		1				1		4	3
113. Biliary calculi	3									1					1							1				3	
114. Other affections of the liver	3	1				1									1		1										3
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for April, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —Concluded.																											
116. Peritonitis, simple (puerperal excepted),	12	2		2	4				1	1	2	2	2													5	7
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the iliac fossa	8			1	1	1	1				2		1	1		1										3	5
Total digestive apparatus	58	11	4	3	18	1	1	1	2	5	3	4	3	3	6	4	1	2	1	2	1	2		1		26	32
VI. Diseases of the Genito-Urinary Apparatus and Its Adnexa.																											
119. Nephritis, acute	32	2	1	1	4			2	4	1	2	1	1	4	1	2		8				1	1			9	23
120. Bright's disease	28					1		2						1	6	5	3	2	4	3	1					16	12
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	4														1		1	1		1						4	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	2																				1	1				2	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	1												1														1
130. Other diseases of the uterus	1										1																1
131. Cysts and other tumors of the ovary																											
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	68	2	1	1	4	1		2	6	1	3	1	2	5	7	8	3	11	5	4	4	1				31	37
VII. Puerperal State.																											
134. Accidents of pregnancy	1											1															1
135. Hemorrhage, puerperal	2										1		1														2
136. Other accidents of labor																											
137. Septicemia, puerperal	3									2	1																3
138. Albuminuria and puerperal eclampsia,	2							1				1															2
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	8								1	2	2	2	1														8
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	1																				1						1
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	1													1													1
Total skin tissue	2													1							1						1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.— Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
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152. Other diseases appertaining to infancy,																											
153. Lack of care																											
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XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Number of reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	April, 1902.	April, 1901.	April, 1902.	April, 1901.		April, 1902.	April, 1901.	April, 1902.	April, 1901.
Cholera	—	—	—	—	Measles	645	575	—	—
Chicken-pox	54	40	—	1	Scarlatina	54	143	—	—
Cerebro-spinal Meningitis . .	10	5	—	—	Smallpox	109	—	—	—
Diphtheria and Croup . . .	167	315	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	46	37	—	—
Tuberculosis	87	108	—	—	Yellow fever	—	—	—	—

Cattle inspected	2,069
Calves	"	3,125
Sheep	"	615
Hogs	"	94
Cattle condemned, 11	4,635 lbs.
Calves	"	—	— "
Sheep	"	—	— "
Hogs	"	—	— "

MEATS.

Veal (immatured)	2,427 lbs.
Poultry (tainted)	293 "
Ham	200 "
Sausages	600 "

FISH.

Fish (tainted)	200	“
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VEGETABLES.

Spinach	53 barrels.
Peas	29 baskets.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		60	366	4	7	40	—	477
Release		8	30	—	56	157	2	253
TOTALS		68	396	4	63	197	2	730
		Positive.		Negative.		Unsat.		
Tuberculosis		56		170		—		226
Typhoid		1		57		1		59
Glanders		8		1		10		19
Other Examinations		2		6		—		8
		GRAND TOTAL						1,042

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of April, 1902, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.30	43	68	W.	*T	Mean Barometer, 29.92.
2	29.48	43	62	W.	.0	Highest Barometer, 30.28 on the 25th.
3	29.80	43	57	W.	.0	Lowest Barometer, 29.27 on the 1st.
4	30.02	40	65	E.	.0	Monthly Range of Barometer, 1.01.
5	29.90	41	81	N.E.	*T	Mean Temperature, 48.
6	29.97	43	76	W.	.0	Highest Temperature, 75 on the 29th.
7	30.10	42	88	E.	*T	Lowest Temperature, 34 on the 1st.
8	30.00	40	95	N.E.	.48	Monthly Range of Temperature, 42.
9	29.61	42	100	N.E.	1.27	Greatest Daily Range of Temperature, 30 on the 23d.
10	29.68	40	92	N.	*T	Least Daily Range of Temperature, 3 on the 10th.
11	29.78	44	78	N.W.	*T	Mean Daily Range of Temperature, 15.
12	29.68	52	69	W.	*T	Mean Daily Dew-point, 38.
13	29.70	48	66	W.	.0	Mean Daily Relative Humidity, 71.
14	29.96	43	66	N.W.	.0	Prevailing Direction of Wind, W.
15	30.10	47	52	W.	.0	Total Movement of Wind, 8,644 miles.
16	30.06	50	49	W.	.0	Highest Velocity of Wind and Direction, 44 N.E. on the 9th.
17	29.96	47	62	E.	.0	Number of Foggy Days, 0.
18	30.02	47	73	W.	*T	Number of Fair Days, 10.
19	30.08	50	64	W.	.0	Number of Clear Days, 7.
20	30.06	51	82	S.W.	*T	Number of Cloudy Days, 13.
21	30.04	56	74	S.W.	.01	Total Number of Days on which Rain or Snow fell, 13.
22	29.98	50	83	N.E.	.0	Depth of Unmelted Snow on ground at end of month, none.
23	29.84	56	78	E.	.0	Dates of Auroras, none.
24	30.05	56	60	W.	.0	Dates of Lunar Halos, none.
25	30.24	52	60	W.	.0	Dates of Solar Halos, none.
26	29.80	56	88	S.W.	.86	Thunder Storm, 26th and 30th.
27	29.75	54	48	W.	.0	Mean Maximum Temperature, 55.9
28	30.12	58	46	W.	.0	Mean Minimum Temperature, 40.9
29	30.24	64	46	S.	.0	
30	30.07	54	94	S.	.75	
31						
TOTALS	—	—	—	—	2.87	
MEANS	29.92	48	71	W.	.095	
						MEAN TEMPERATURE for this month in
						1871 47
						1872 45
						1873 47
						1874 37
						1875 42
						1876 43
						1877 44
						1878 47
						1879 42
						1880 46
						1881 43
						1882 42
						1883 44
						1884 43
						1885 46
						1886 48
						1887 44
						1888 42
						1889 48
						1890 46
						1891 48
						1892 48
						1893 44
						1894 47
						1895 46
						1896 47
						1897 49
						1898 44
						1899 45
						1900 49
						1901 44
						1902 48
						Total Precipitation for this Month in Inches.
						1871 3.79
						1872 1.31
						1873 3.83
						1874 7.97
						1875 4.92
						1876 3.61
						1877 4.19
						1878 6.14
						1879 6.58
						1880 2.85
						1881 1.66
						1882 2.50
						1883 2.83
						1884 4.76
						1885 3.30
						1886 1.70
						1887 2.62
						1888 2.04
						1889 3.07
						1890 2.29
						1891 1.71
						1892 0.93
						1893 3.13
						1894 3.78
						1895 3.65
						1896 1.56
						1897 3.17
						1898 6.39
						1899 1.29
						1900 1.90
						1901 7.43
						1902 2.87

* T Indicates trace of precipitation.

Average mean temperature for 32 years, 45.

Average monthly precipitation for 32 years, 3.43.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of May, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of May,	1902	923
Population estimated at	573,579	Rate per 1,000 inhabitants, 19.31

Total number 923

SEX.

Males 470
Females 453

CONDITION.

Single 459
Married 293
Widowed 154
Divorced 8
Unknown 9

COLOR.

White 891
Black (Negro or mixed) 31
Indian —
Chinese 1
Japanese —

Total deaths of children, { Under 1 year 146
Under 2 years 202
Under 5 years 237

Diarrhœal diseases, { Under 1 year 11
Under 2 years 13
Under 5 years 13
All ages 21

NATIVITY.

United States 573
Ireland 186
England 20
Scotland 7
Germany 21
British America 59
Italy 18
Russia 8
Sweden 7
Other Countries 12
Unknown 12

PARENTAGE.

United States 229
Irish 287
English 17
Scotch 11
German 24
British American 51
Italian 38
Russian 19
Swedish 9
Other Countries 72
Mixed 59
One parent unknown 46
Unknown 61
Still-births during the month 37

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1902.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	6									1	1	1	1	1		1										4	2
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola	24	4		2		1	7	1		1	1	5	1	2	1	1	1	1	1	1						14	10
6. Measles	11	5	3	2		10	1																			5	6
7. Scarlatina	5	1	1			2	2			1																2	3
8. Whooping cough	4	2	2			4																				3	1
9. Diphtheria and croup	1		1			1																				1	
9a. Diphtheria	15	3	5	1		9	1	2	1	1								1								9	6
10. Grippe	1																		1							1	
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	9	3	1			1	5			1					1			2								3	6
19. Other epidemic affections																											
20. Purulent infection and septicemia	7									1	1						1	1	1	1		1				4	3
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx	1										1															1	
27. Tubercle of the lungs	110	1	1	2		4		2	2	22	16	18	14	16	6	6	1	2	1							56	54
28. Tubercle of the meninges	13	3	2	2	1	1	9	1	1		2															7	6
29. Tubercle, abdominal	2			1		1						1														1	1
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	2									1	1																2
34. Tubercle, generalized	7		1			1	2		1	1	1					1										4	3
35. Scrofula																											
36. Syphilis																											
3. Tertiary	2											1						1								1	1
4. Hereditary																											
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	6									1							1	2	1		1					3	3
40. Cancer and other malignant tumors of the stomach and liver	14											2	1		2	1	2	3	3							5	9

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1902.	AGE.																				SEX.					
		Under 1 year.																				Males.	Females.				
			1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.			75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	8												1				1	2		4				2	6		
42. Cancer and other malignant tumors of the genital organs of the female . . .	5												1		1	2		1							5		
43. Cancer and other malignant tumors of the breast . . .	6											1			1	2	1			1					6		
44. Cancer and other malignant tumors of the skin . . .																											
45. Cancer and other malignant tumors of organs not specified . . .	14									1			1	2		2	2	1	4			1		6	8		
46. Other tumors (tumors of the female genital organs excepted) . . .																											
47. Rheumatism, acute, articular . . .	3								1										1			1		1	2		
48. Rheumatism, chronic, and gout. . . .	4									1									1	1			1	2	2		
49. Scorbutus																											
50. Diabetes	5					1	1									2			2					4	1		
51. Goitre, exophthalmic																											
52. Addison's disease																											
53. Leukemia	1	1				1																			1		
54. Anemia, chlorosis	1													1											1		
55. Other general diseases	1															1									1		
56. Alcoholism, acute and chronic	5										2	1		2										3	2		
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	293	22	18	10	1	4	55	8	5	8	31	30	26	20	24	12	20	12	13	17	7	1	3	1	142	151	
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	1																	1							1		
61. Meningitis, simple	21	7	5		2	14	1		1	3			1	1											14	7	
61a. Meningitis, epidemic cerebrospinal . .	6		2	1		3			1		1	1													4	2	
62. Locomotor ataxia, progressive	1																		1						1		
63. Other diseases of the spinal cord . . .	2										1				1											2	
64. Cerebral congestion and hemorrhage . .	28									1	1	1		2	1		4	4	2	4	3	2	2	1	14	14	
65. Cerebral softening	2																				1		1			2	
66. Paralysis, without cause assigned . . .	5												1					1	1	1			1	3	2		
67. General paralysis	1																	1							1		
68. Other forms of mental alienation . . .	2																		2						1	1	
69. Epilepsy	2													1		1									1	1	
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	7	5	2			7																			4	3	
72. Tetanus	2	1				1								1											1	1	
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system .	8						1						1				2	1	2	1					3	5	
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear																											
Total of the nervous system, etc.,	88	13	9	1		2	25	2		2	4	3	2	3	3	4		8	9	6	6	3	3	2	3	48	40
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	2							1		1															1	1	

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Total ill-defined diseases																											
Total from all causes,																											

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 cu. ft. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Number of reservoirs, 10.

REPORT OF THE BOARD OF HEALTH
 CITY OF CHICAGO
 NINTH ANNUAL REPORT
 1902

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
 FOR THE MONTH OF MAY, 1902, AND FOR THE CORRESPONDING MONTH IN 1901.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.		INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.	
		MEATS.	
Cattle inspected	2,342	Veal (immatured)	306 lbs
Calves	2,803	Poultry (tainted)	3,375 "
Sheep	358	FISH.	
Hogs	86	Clams	1 barrel
		Halibut	20 lbs
		Lobsters	15 "
		Mackerel	80 "
		VEGETABLES.	
Cattle condemned, 13	5,350 lbs.	Beans	84 baskets
Calves	"	Cucumbers	8 crates
Sheep	"	Peas	7 baskets
Hogs	"	Squash	5 crates

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	61	315	6	3	29	1	415
Release	4	20	—	30	104	2	160
TOTALS	65	335	6	33	133	3	575
	Positive.		Negative.		Unsat.		
Tuberculosis	54		170		—		224
Typhoid	1		58		2		59
Glanders	4		2		4		10
Other Examinations	3		9		5		17
	GRAND TOTAL . . .						885

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of May, 1902, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.00	57	68	N.W.	.27	Mean Barometer, 29.98.
2	30.12	58	58	S.E.	.00	Highest Barometer, 30.46 on the 31st.
3	30.13	48	90	N.E.	*T	Lowest Barometer, 29.47 on the 27th.
4	30.20	48	82	E.	*T	Monthly Range of Barometer, .99.
5	29.98	58	82	S.W.	.14	Mean Temperature, 58.
6	30.14	56	54	N.W.	.00	Highest Temperature, 88 on the 23d.
7	29.79	61	70	S.	.05	Lowest Temperature, 34 on the 10th.
8	29.84	62	51	W.	.00	Monthly Range of Temperature, 54.
9	29.70	52	54	W.	*T	Greatest Daily Range of Temperature, 30 on the 23d.
10	30.05	42	48	N.W.	.00	Least Daily Range of Temperature, 4 on the 3d.
11	30.20	48	55	N.W.	.00	Mean Daily Range of Temperature, 18.4
12	30.19	53	62	E.	.00	Mean Daily Dew-point, 45.4
13	29.96	56	61	N.	*T	Mean Daily Relative Humidity, 66.1
14	30.02	53	52	N.W.	.00	Prevailing Direction of Wind, S.W.
15	30.15	52	60	E.	.00	Total Movement of Wind, 8,368 miles.
16	30.04	59	44	W.	.00	Highest Velocity of Wind and Direction, 38 W. on the 9th.
17	29.92	60	61	E.	.00	Number of Foggy Days, 0. Number of Fair Days, 11.
18	29.98	64	54	W.	.00	Number of Clear Days, 11. Number of Cloudy Days, 9.
19	29.96	56	87	S.E.	.38	Total Number of Days on which Rain or Snow fell, 15.
20	30.04	52	76	E.	.04	Depth of Unmelted Snow on ground at end of month, none.
21	30.28	60	53	S.W.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.06	65	62	S.W.	.00	Dates of Solar Halos, 12th.
23	29.82	73	67	S.W.	.00	Thunder Storm, 23d. Dates of Frosts, none.
24	29.76	76	72	S.W.	*T	Mean Maximum Temperature, 67.0 Mean Minimum Temperature, 48.6
25	29.84	68	82	S.W.	*T	MEAN TEMPERATURE for this month in 1871 58 1872 58 1873 58 1874 57 1875 58 1876 54 1877 55 1878 56 1879 60 1880 63 1881 55 1882 49 1883 56 1884 51 1885 52 1886 56 1887 59 1888 52 1889 60 1890 57 1891 56 1892 56 1893 56 1894 58 1895 60 1896 60 1897 58 1898 56 1899 58 1900 55 1901 54 1902 58
26	29.70	70	82	S.W.	.03	
27	29.56	63	89	S.	.11	Total Precipitation for this Month in Inches. 1871 4.54 1872 3.29 1873 5.16 1874 3.70 1875 3.76 1876 2.70 1877 3.38 1878 1.02 1879 0.97 1880 1.67 1881 4.16 1882 6.05 1883 5.11 1884 3.31 1885 4.26 1886 3.08 1887 1.67 1888 5.20 1889 4.15 1890 4.48 1891 1.56 1892 5.15 1893 5.23 1894 4.12 1895 2.71 1896 1.68 1897 4.00 1898 4.33 1899 0.81 1900 5.07 1901 6.31 1902 1.07
28	29.66	50	74	W.	.05	
29	29.95	51	57	W.	.00	
30	30.02	61	68	W.	*T	
31	30.46	58	70	N.W.	.00	
TOTALS	—	—	—	—	1.07	
MEANS	29.98	58	66.1	S.W.	.034	

* T indicates trace of precipitation.

Average mean temperature for 32 years, 57.

Average monthly precipitation for 32 years, 3.67.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of June, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of June, . . . 1902	790
Population estimated at 573,579	Rate per 1,000 inhabitants, 16.52

Total number 790	NATIVITY.	
SEX.	United States	489
Males 432	Ireland	148
Females 358	England	16
CONDITION.	Scotland	6
Single 379	Germany	14
Married 259	British America	61
Widowed 140	Italy	12
Divorced 3	Russia	6
Unknown 9	Sweden	4
COLOR.	Other Countries	15
White 763	Unknown	19
Black (Negro or mixed) 24	PARENTAGE.	
Indian —	United States	180
Chinese 3	Irish	259
Japanese —	English	8
Total deaths of children, { Under 1 year 121	Scotch	10
Under 2 years 159	German	20
Under 5 years 198	British American	31
Diarrhœal diseases, { Under 1 year 12	Italian	35
Under 2 years 15	Russian	18
Under 5 years 18	Swedish	5
All ages 24	Other Countries	53
	Mixed	54
	One parent unknown	57
	Unknown	60
	Still-births during the month	59

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1902.	AGE.																		SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	4							1				1	1			1										2	2
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola	15	3	1	1		1	6					2		3	2			1				1				9	6
6. Measles	5		3	2			5																			1	4
7. Scarletina	10	2	2	1		4	9												1							3	7
8. Whooping cough	9	7		1			8	1																		3	6
9. Diphtheria and croup	2		1	1			2																			2	
9a. Diphtheria	13	3	3	1		2	9	2	1				1													5	8
10. Grippe																											
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	5	2					2					1							1	1						4	1
19. Other epidemic affections	1		1				1																				1
20. Purulent infection and septicemia	11		1				1			1		1		2	1			1	1	1	1	1				6	5
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	102	3				1	4	2	2	11	13	14	15	13	10	6	4	3	4		1					60	42
28. Tubercle of the meninges	6	1	1		1		3	2												1						4	2
29. Tubercle, abdominal	3				1		1	1					1													2	1
30. Pott's disease	1						1																				1
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	2										1		1														2
34. Tubercle, generalized																											
35. Scrofula																											
36. Syphilis																											
3. Tertiary																											
4. Hereditary	1	1					1																			1	
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	1														1												1
40. Cancer and other malignant tumors of the stomach and liver	11													1		1	2	2		1	2		2			2	9

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78. Endocarditis, acute	3												1	1		1										1	2
79. Organic diseases of the heart	76						1		4	1	4	6	1	3	8	7	5	14	7	5	5	4	1			43	
80. Angina pectoris	5			1		1									1			2	1							1	
81. Affections of the arteries (atheroma, aneurism, etc.)	5																1	1		1		2				3	2
82. Embolism and thrombosis	3														1				1						1	2	1
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)	1			1		1																					1
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	1															1										1	
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	94			2		2	1		4	1	4	6	2	4	10	9	6	17	9	6	5	6	1	1		51	43
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	11	6		1		7						1						1		1		1				4	7
91. Bronchitis, chronic	8																2	1	1	1	1	1			1	4	4
92. Broncho-pneumonia	24	6	5	2		1	14							1		1	5	1	1	1						13	11
93. Pneumonia	31	2	7			9	1	1		2	1	2	1	1	3	2	1	3	1	1	1				1	22	9
94. Pleurisy	2								1			1														2	
95. Pulmonary congestion and apoplexy	1																			1							1
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary	1																		1								1
99. Other diseases of the respiratory apparatus (phthisis excepted)	1										1															1	
Total respiratory apparatus	79	14	12	3		1	30	1	1	1	3	1	4	1	2	3	3	8	7	3	5	2	2		2	46	33
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx	1																				1					1	
102. Affections of the esophagus																											
103. Ulcer of the stomach	2									1										1							2
104. Other affections of the stomach (cancer excepted)	5	1				1							2	1							1					3	2
105. Diarrhœa and enteritis (under two years)	15	12	3			15																				8	7
105a. Diarrhœa and enteritis, chronic	6														1		1		1	1	1	1				1	5
106. Diarrhœa and enteritis (two years and over)	3			2	1	3																				2	1
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	9	1				1			1		2			1			1	1	1		1					3	6
109. Other affections of the intestines	2										1									1						1	1
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	4													1		3										2	2
113. Biliary calculi	1													1													1
114. Other affections of the liver	6							1					1	2			1			1						3	3
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for June, 1902.	AGE.																			SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus. —Concluded.																												
116. Peritonitis, simple (puerperal excepted),	7								3		1	1		2													4	
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																												
118. Appendicitis and abscess of the iliac fossa	10						1	1	2	1		2			1	1		1										
Total digestive apparatus	71	14	3	2	1	20	1	2	6	2	4	3	3	8	2	4	3	2	4	2	4	1					35	36
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																												
119. Nephritis, acute	19										1	1	1	1		1	2	2	1	2	2						10	9
120. Bright's disease	11							1			1	2			1		1	2	1		2						10	1
121. Other diseases of the kidneys and their adnexa																												
122. Calculi of the urinary tract																												
123. Diseases of the bladder	1															1												1
124. Diseases of the urethra, urinary abscess, etc.																												
125. Diseases of the prostate	4															1		1		1	1						4	
126. Non-venereal diseases of the male genital organs																												
127. Metritis	1													1														1
128. Hemorrhage, uterine, non-puerperal																												
129. Tumor, uterine, non-cancerous	2														2													2
130. Other diseases of the uterus	2									1								1										2
131. Cysts and other tumors of the ovary	2											1								1								2
132. Other diseases of the female genital organs	1												1															1
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total of genito-urinary	43							1		1	2	4	2	2	3	8	1	5	2	4	5						24	19
VII. Puerperal State.																												
134. Accidents of pregnancy	4									1	1	2																4
135. Hemorrhage, puerperal																												
136. Other accidents of labor	1												1															1
137. Septicemia, puerperal	2									1		1																2
138. Albuminuria and puerperal eclampsia,	3									2			1															3
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death	2										1			1														2
141. Puerperal diseases of the breast																												
Total puerperal	12									4	2	3	2	1														12
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene	2		1			1								1			1										3	
143. Furuncle (carbuncle)	1														1												1	
144. Phlegmon, warm abscess																												
145d. Other diseases of the skin and its adnexa																												
Total skin tissue	4		1			1									1	1		1									4	
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous)																												
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF JUNE, 1902, AND FOR THE CORRESPONDING MONTH IN 1901.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

Veal (immatured)	80	lbs.
Poultry (tainted)	300	"
Ham	75	"
Lamb	200	"
Pork	400	"

FISH.

Alewives	1,600
--------------------	-------

VEGETABLES.

Beans	114 baskets and 4 barrels.
Cabbage	2 "
Potatoes	685 bushels.
Cucumbers	25 crates.
Egg Plant	13 "
Melons	91 "
Tomatoes	8 "

DIPHTHERIA.						PRIMARY.			SECONDARY.			TOTALS.
						Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	45	273	6	9	30	—	363
Release	9	18	—	40	111	1	179
TOTALS						54	291	6	49	141	1	542
						Positive.		Negative.	Unsat.			
Tuberculosis	41		133		—		174
Typhoid	2		38		1		41
Glanders	3		1		5		9
Other Examinations	6		6		—		12
						GRAND TOTAL						778

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of June, 1902, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.42	64	58	S.W.	.00	Mean Barometer, 29.87.
2	30.08	72	66	S.W.	.00	Highest Barometer, 30.51 on the 1st.
3	29.84	80	72	S.W.	.05	Lowest Barometer, 29.31 on the 26th.
4	29.78	68	82	W.	.01	Monthly Range of Barometer, 1.20.
5	30.13	54	68	E.	*T	Mean Temperature, 64.
6	30.18	59	53	E.	.00	Highest Temperature, 92 on the 3d.
7	29.81	66	86	S.W.	.04	Lowest Temperature, 49 on the 9th.
8	29.55	66	71	S.W.	.07	Monthly Range of Temperature, 43.
9	29.93	60	52	W.	.00	Greatest Daily Range of Temperature, 33 on the 4th.
10	29.81	68	76	S.W.	.03	Least Daily Range of Temperature, 9 on the 21st.
11	29.93	58	61	E.	*T	Mean Daily Range of Temperature, 19.
12	29.78	69	76	W.	*T	Mean Daily Dew-point, 53.
13	29.90	58	90	E.	.31	Mean Daily Relative Humidity, 69.
14	30.10	60	82	E.	*T	Prevailing Direction of Wind, W.
15	29.88	60	98	S.E.	.11	Total Movement of Wind, 7,978 miles.
16	29.59	65	90	E.	*T	Highest Velocity of Wind and Direction, 34 N.W. on the 8th.
17	29.60	66	68	N.W.	.00	Number of Foggy Days, 0. Number of Fair Days, 6.
18	29.94	67	56	W.	.00	Number of Clear Days, 14. Number of Cloudy Days, 10.
19	29.82	68	79	W.	.26	Total Number of Days on which Rain or Snow fell, 17.
20	29.88	69	61	N.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	29.88	62	86	E.	.31	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.92	65	58	N.W.	.15	Dates of Solar Halos, none.
23	29.96	60	54	W.	.00	Thunder Storm, none. Dates of Frosts, none.
24	29.96	62	54	W.	.00	Mean Maximum Temperature, 73.8 Mean Minimum Temperature, 54.8
25	29.88	65	64	W.	.00	MEAN TEMPERATURE for this month in | Total Precipitation for this Month in Inches.
26	29.40	68	64	W.	.36	
27	29.62	62	54	W.	.00	1871 66 1871 5.55
28	29.88	68	58	W.	.00	1872 68 1872 4.84
29	29.87	62	68	N.W.	.07	1873 68 1873 0.54
30	29.96	62	63	N.	.00	1874 66 1874 3.94
31						1875 67 1875 7.25
TOTALS	—	—	—	—	1.77	1876 68 1876 1.72
MEANS	29.87	64	69	W.	.059	1877 67 1877 3.21
						1878 64 1878 2.28
						1879 64 1879 6.24
						1880 67 1880 0.75
						1881 61 1881 7.79
						1882 66 1882 1.03
						1883 69 1883 2.07
						1884 68 1884 4.01
						1885 66 1885 3.70
						1886 63 1886 1.34
						1887 64 1887 1.98
						1888 67 1888 2.69
						1889 68 1889 2.77
						1890 64 1890 2.21
						1891 65 1891 3.06
						1892 70 1892 3.05
						1893 65 1893 2.20
						1894 69 1894 0.80
						1895 67 1895 1.73
						1896 66 1896 2.71
						1897 62 1897 4.46
						1898 66 1898 1.60
						1899 70 1899 2.86
						1900 69 1900 1.85
						1901 68 1901 1.31
						1902 64 1902 1.77

* T indicates trace of precipitation.

Average mean temperature for 32 years, 66.

Average monthly precipitation for 32 years, 2.92.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of July, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of July,	1902	863
Population estimated at	586,553	Rate per 1,000 inhabitants, 17.65

Total number 863

SEX.

Males 427
Females 436

CONDITION.

Single 500
Married 231
Widowed 122
Divorced 2
Unknown 8

COLOR.

White 833
Black (Negro or mixed) 28
Indian —
Chinese 2
Japanese —

Total deaths of children, { Under 1 year 236
Under 2 years 294
Under 5 years 339

Diarrhoeal diseases, { Under 1 year 104
Under 2 years 126
Under 5 years 134
All ages 144

NATIVITY.

United States 595
Ireland 123
England 21
Scotland 11
Germany 10
British America 54
Italy 12
Russia 7
Sweden 8
Other Countries 9
Unknown 13

PARENTAGE.

United States 177
Irish 262
English 15
Scotch 13
German 19
British American 47
Italian 31
Russian 28
Swedish 10
Other Countries 47
Mixed 99
One parent unknown 50
Unknown 65

Still-births during the month 39

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1902.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																												
1. Typhoid Fever	5										2	1					1	1								2	3	
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola	3	1					1				2															2	1	
6. Measles	1	1					1																			1		
7. Scarlatina	6	1	3	1	1		6																			3	3	
8. Whooping cough	20	9	5	5		1	20																			9	11	
9. Diphtheria and croup	5		1	2	1		4	1																		5		
9a. Diphtheria	6	2	1	1	2		6																			3	3	
10. Grippe	1																				1					1		
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras	1	1					1																			1		
14. Dysentery	6	1			1	1	3														1	1	1			1	5	
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	5	2					2				1				1	1										2	3	
19. Other epidemic affections																												
20. Purulent infection and septicemia	9	2	1				3				1	1	1						1	1		1				3	6	
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc.																												
25. Pellagra																												
26. Tubercle of the larynx	1													1												1		
27. Tubercle of the lungs	93	1	1	1		1	4	2		7	10	14	13	13	11	5	5	2	3	1		2		1		40	53	
28. Tubercle of the meninges	5	2	2	1			5																			4	1	
29. Tubercle, abdominal	4		1				1				1	1		1													4	
30. Pott's disease	1										1															1		
31. Abscess, cold and by congestion																												
32. Tumors, white (white swellings)																												
33. Tubercle of other organs	1															1											1	
34. Tubercle, generalized	4					1	1		1			1		1												2	2	
35. Scrofula																												
36. Syphilis																												
3. Tertiary	1										1															1		
4. Hereditary	1	1					1																				1	
37. Blennorrhagia of the adult																												
38. Gonococcal infections of the child																												
39. Cancer and other malignant tumors of the buccal cavity	1																		1								1	
40. Cancer and other malignant tumors of the stomach and liver	10													1	1	1	3			1	3					4	6	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1902.	AGE.																				SEX.						
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																								
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	6																2	1	3							2	4	
42. Cancer and other malignant tumors of the genital organs of the female	7													1		2	1		2	1								
43. Cancer and other malignant tumors of the breast	5													1		1	1		1					1				
44. Cancer and other malignant tumors of the skin																												
45. Cancer and other malignant tumors of organs not specified	3														1								2			1	2	
46. Other tumors (tumors of the female genital organs excepted)	5									1	1				1	1		1									2	3
47. Rheumatism, acute, articular	2							2																			2	
48. Rheumatism, chronic, and gout.	1													1													1	
49. Scorbutus																												
50. Diabetes	6								1				1						4								3	3
51. Goitre, exophthalmic																												
52. Addison's disease																												
53. Leukemia	1															1												1
54. Anemia, chlorosis	1								1																			1
55. Other general diseases																												
56. Alcoholism, acute and chronic	6													2	1	1	1	1									3	3
57. Saturnism																												
58. Other trade intoxications																												
59. Other chronic poisonings																												
Total general diseases	233	24	15	11	5	4	59	5	3	7	18	21	15	21	16	14	15	6	15	6	4	5	2	1		100	133	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis	1	1					1																					1
61. Meningitis, simple	17	5	3	2	1	1	12	1		1	2												1			10	7	
61a. Meningitis, epidemic cerebrospinal	10	2	2	1			5	2						1	2											5	5	
62. Locomotor ataxia, progressive	1															1												1
63. Other diseases of the spinal cord	1															1											1	
64. Cerebral congestion and hemorrhage	35									2		2	1	2	1	1	4	2	4	3	2	6	3	2		18	17	
65. Cerebral softening	2												1						1							2		
66. Paralysis, without cause assigned	3												1					1		1					1	2		
67. General paralysis	5												2					1			1	1				3	2	
68. Other forms of mental alienation	1																1										1	
69. Epilepsy	1											1															1	
70. Eclampsia (non-puerperal)																												
71. Convulsions of children	6	2	3	1			6																			5	1	
72. Tetanus	1							1																			1	
73. Chorea																												
74. Hysteria																												
74b. Other affections of the nervous system	3	1					1					1	1													2	1	
75. Diseases of the eye and appendages																												
76. Diseases of the ear	1																	1									1	
Total of the nervous system, etc.,	88	11	8	4	1	1	25	4		3	2	4	5	4	3	3	5	5	5	3	4	8	3	2		50	38	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis	1											1																1

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for July, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.																											
—Concluded.																											
116. Peritonitis, simple (puerperal excepted),	8	1				1	2				3		1				1		1							3	5
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the iliac fossa	6							1	1			3	1													3	3
Total digestive apparatus	174	104	22	4	1	3	134	5	1		4	5	5	1	1	4		5	3	2	2	2				82	92
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	28		1				1		1		4	3	3	1	1	3	3	3	1	3	1					13	15
120. Bright's disease	11											1	1			2			2	3		2				5	6
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder																											
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	2																		1				1			2	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	1															1										1	
130. Other diseases of the uterus	1													1												1	
131. Cysts and other tumors of the ovary																											
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	43		1				1		1		4	4	4	2	1	6	3	3	4	6	1	2	1			20	23
VII. Puerperal State.																											
134. Accidents of pregnancy	1													1													1
135. Hemorrhage, puerperal	2									1		1															2
136. Other accidents of labor	1											1															1
137. Septicemia, puerperal	1													1													1
138. Albuminuria and puerperal eclampsia,	4										2	1		1												4	
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	9										1	2	3	2	1												9
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene																											
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	1								1																		1
Total skin tissue	1								1																		1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)	4	1	1		1		3		1																	2	2
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1902.	AGE.																				SEX.					
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																					Males.	Females.			
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion	4	1	1		1		3		1																	2	
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	66	64	2				66																			32	34
152. Other diseases appertaining to infancy,	8	8					8																			7	1
153. Lack of care																											
Total early infancy	74	72	2				74																			39	35
XII. Old Age.																											
154. Senile debility	18																			1	2	7	4	4		6	12
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	2									1					1											2	
156. Suicide by asphyxia	1													1													1
157. Suicide by hanging or strangulation	2										1							1								2	
158. Suicide by submersion	2										1		1													1	1
159. Suicide by firearms	1																		1							1	
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	6								1				1		2				1		1					5	1
165a. Luxations																											
166. Other accidental traumatisms	18	1	1			1	3		1	3		3	4	2		1				1						17	1
167. Burns and scalds	7					1	1	2				1							2	1						3	4
168. Burns by corrosive substances																											
169. Insolation	2											1				1										2	
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	6										1	2	1		1				1							6	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings	3					1	1							1	1											2	1
176. Other external violence	4												2	1	1											2	2
Total affections, etc.	54	1	1			3	5	2	2	3	2	2	9	5	6	2	1		6	2	1					43	11
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	6	1	1			1	3					1	1							1						5	1
Total ill-defined diseases	6	1	1			1	3					1	1							1						5	1
Total from all causes,	863	236	58	21	10	14	339	18	10	13	33	55	47	41	34	42	33	32	43	40	25	32	15	11		427	436

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF JULY, 1902, AND FOR THE CORRESPONDING MONTH IN 1901.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	July, 1902.	July, 1901.	July, 1902.	July, 1901.		July, 1902.	July, 1901.	July, 1902.	July, 1901.
Cholera	—	—	—	—	Measles	100	453	—	—
Chicken-pox	—	42	—	—	Scarlatina	98	98	—	—
Cerebro-spinal Meningitis . .	4	8	—	—	Smallpox	26	2	—	—
Diphtheria and Croup . . .	95	180	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	37	31	—	—
Tuberculosis	82	99	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	1,992
Calves	"	.	.	.	.	.	2,690
Sheep	"	.	.	.	.	.	809
Hogs	"	.	.	.	.	.	77
Cattle condemned, 6	.	.	.	.	.	.	2,530 lbs.
Calves	"	—	.	.	.	.	— "
Sheep	"	—	.	.	.	.	— "
Hogs	"	—	.	.	.	.	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	972 lbs.
Poultry (tainted)	456 "
Pork	650 "
Lamb	589 "

FISH.

Tainted	625 lbs.
VEGETABLES.	
Melons	36 baskets
Cucumbers	223 "

VEGETABLES.

Melons	.	.	.	.	.	.	36 baskets
Cucumbers	.	.	.	.	.	.	223 "

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		40	234	4	5	18	2	303
Release		1	9	—	9	78	3	100
TOTALS		41	243	4	14	96	5	403
		Positive.		Negative.		Unsat.		
Tuberculosis		48		107		—		155
Typhoid		—		51		3		54
Glanders		5		3		2		10
Other Examinations		—		9		1		10
		GRAND TOTAL						632

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of July, 1902, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.90	58	87	S.	.08	Mean Barometer, 29.99.
2	30.16	67	54	S.	.00	Highest Barometer, 30.33 on the 7th.
3	29.90	65	85	S.W.	.29	Lowest Barometer, 29.72 on the 15th.
4	29.96	72	70	N.W.	.00	Monthly Range of Barometer, .61.
5	29.89	70	60	E.	.00	Mean Temperature, 68.
6	30.14	62	88	E.	*T	Highest Temperature, 91 on the 14th.
7	30.26	64	80	S.W.	.00	Lowest Temperature, 52 on the 7th.
8	30.03	76	82	S.W.	.10	Monthly Range of Temperature, 39.
9	29.90	82	58	W.	.00	Greatest Daily Range of Temperature, 25 on the 14th.
10	29.84	72	68	N.W.	.22	Least Daily Range of Temperature, 2 on the 20th.
11	30.07	68	46	N.W.	.00	Mean Daily Range of Temperature, 14.2
12	30.02	71	56	W.	.00	Mean Daily Dew-point, 58.8
13	29.99	74	54	W.	.00	Mean Daily Relative Humidity, 75.4
14	29.96	78	57	S.W.	.00	Prevailing Direction of Wind, E.
15	29.78	74	86	S.W.	.70	Total Movement of Wind, 6,544 miles.
16	29.81	68	63	N.W.	.06	Highest Velocity of Wind and Direction, 39 W. on the 15th.
17	29.88	66	67	S.W.	.03	Number of Foggy Days, 1. Number of Fair Days, 9.
18	29.94	72	64	W.	.00	Number of Clear Days, 7. Number of Cloudy Days, 15.
19	30.08	62	81	E.	.01	Total Number of Days on which Rain or Snow fell, 17.
20	29.88	59	97	E.	.51	Depth of Unmelted Snow on ground at end of month, none.
21	29.82	60	94	E.	.76	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.90	63	96	N.E.	.05	Dates of Solar Halos, none.
23	30.10	62	92	E.	*T	Thunder Storm, 16, 20, 22. Dates of Frosts, none.
24	30.20	62	82	E.	.00	Mean Maximum Temperature, 74.9 Mean Minimum Temperature, 60.7
25	30.22	62	89	E.	.01	
26	30.19	62	90	E.	.03	
27	30.08	64	82	S.W.	*T	
28	29.93	75	76	W.	.00	
29	29.97	70	82	E.	.03	
30	30.05	70	81	N.E.	.00	
31	30.09	72	68	N.W.	.00	
TOTALS	—	—	—	—	2.88	
MEANS	29.99	68	75.4	E.	.098	
						MEAN TEMPERATURE for this month in
						1871 71
						1872 75
						1873 73
						1874 73
						1875 74
						1876 74
						1877 70
						1878 63
						1879 70
						1880 70
						1881 68
						1882 72
						1883 71
						1884 68
						1885 71
						1886 74
						1887 73
						1888 68
						1889 69
						1890 74
						1891 69
						1892 73
						1893 71
						1894 74
						1895 69
						1896 72
						1897 72
						1898 72
						1899 71
						1900 74
						1901 73
						1902 68
						Total Precipitation for this Month in inches.
						1871 3.24
						1872 4.00
						1873 3.84
						1874 3.47
						1875 3.93
						1876 5.86
						1877 2.87
						1878 4.58
						1879 3.69
						1880 6.86
						1881 2.56
						1882 3.91
						1883 2.73
						1884 4.25
						1885 1.44
						1886 1.81
						1887 3.59
						1888 1.79
						1889 5.80
						1890 1.93
						1891 3.73
						1892 2.56
						1893 1.72
						1894 3.69
						1895 2.98
						1896 2.90
						1897 4.22
						1898 4.42
						1899 3.45
						1900 3.69
						1901 5.20
						1902 2.88

* T indicates trace of precipitation.

Average mean temperature for 32 years, 71.

Average monthly precipitation for 32 years, 3.62.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of August, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of August, 1902	916
Population estimated at	586,553
Rate per 1,000 inhabitants,	18.74

Total number	916	NATIVITY.	
SEX.		United States	614
Males	461	Ireland	149
Females	455	England	23
CONDITION.		Scotland	4
Single	536	Germany	14
Married	253	British America	70
Widowed	121	Italy	12
Divorced	2	Russia	6
Unknown	4	Sweden	7
COLOR.		Other Countries	10
White	881	Unknown	7
Black (Negro or mixed)	35	PARENTAGE.	
Indian	—	United States	212
Chinese	—	Irish	274
Japanese	—	English	17
Total deaths of children, {		Scotch	10
Under 1 year	270	German	22
Under 2 years	328	British American	56
Under 5 years	360	Italian	41
Diarrhœal diseases, {		Russian	22
Under 1 year	134	Swedish	11
Under 2 years	159	Other Countries	55
Under 5 years	163	Mixed	91
All ages	179	One parent unknown	38
		Unknown	67
		Still-births during the month	66

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1902.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																												
1. Typhoid Fever	12							1	1	2	2	1	2		1				1		1						5	7
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola	5	2	1	1			4	1			1				1			1		1		1					5	4
6. Measles	4	2	1				3	1																			3	1
7. Scarlatina	10		6	1	2		9	1																			5	5
8. Whooping cough	14	7	6	1			14																				7	7
9. Diphtheria and croup	4			2		1	3	1																			2	2
9a. Diphtheria	7		3			1	4	1	1		1																4	3
10. Grippe																												
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras	2								1																1		1	1
14. Dysentery	11	2	1				3				1	1						2	1		1	2				3	8	
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	1	1					1																					1
19. Other epidemic affections	1		1				1																				1	
20. Purulent infection and septicemia	7	2	1				3				3	1															4	3
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc.	1																	1									1	
25. Pellagra																												
26. Tubercle of the larynx																												
27. Tubercle of the lungs	99		1	1			2	1	2	4	11	19	14	18	9	7	5	6	1								53	46
28. Tubercle of the meninges	10	4		2			6	2	1	1																	5	5
29. Tubercle, abdominal	4	1	1				2				1						1										4	
30. Pott's disease																												
31. Abscess, cold and by congestion																												
32. Tumors, white (white swellings)																												
33. Tubercle of other organs	2								1	1																	1	1
34. Tubercle, generalized																												
35. Scrofula																												
36. Syphilis																												
3. Tertiary																												
4. Hereditary																												
37. Blennorrhagia of the adult																												
38. Gonococcal infections of the child																												
39. Cancer and other malignant tumors of the buccal cavity	3																1	1		1							2	1
40. Cancer and other malignant tumors of the stomach and liver	13									1	1				1	2	3	3	1	1							2	11

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78. Endocarditis, acute	3										1	1							1							2	1
79. Organic diseases of the heart	62	3		1		4	1	2	1	1	3	3	3	6	11	3	2	4	5	3	7	2	1			36	26
80. Angina pectoris	2													1								1				2	
81. Affections of the arteries (atheroma, aneurism, etc.)	1																				1						1
82. Embolism and thrombosis	4								1						1		1	1								3	1
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	1	1				1																					1
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	70	4		1		5	1	3	1	1	4	4	4	7	14	3	3	5	1	3	8	4	1			44	32
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	9	2	2	1		5												1		3						5	4
91. Bronchitis, chronic	5													1	1		1		1				1			3	2
92. Broncho-pneumonia	17	1	2	1		7	1				1	1	1	1	2			1	2							16	7
93. Pneumonia	20			2		8		2			1		2			1	2					1	1			12	8
94. Pleurisy	2						1						1													1	1
95. Pulmonary congestion and apoplexy																											
96. Gangrene of the lung	1																	1								1	
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)	3										1	1												1			3
Total respiratory apparatus	57	12	4	4		20	2	2			2	2	4	3	5	1	3	2	4		3	1	2	1		32	25
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	7								1		2		1		1			1			1				2	5	
104. Other affections of the stomach (cancer excepted)	1			1		1																			1		
105. Diarrhœa and enteritis (under two years)	156	132	24			156																				72	84
105a. Diarrhœa and enteritis, chronic	4												1	1	1						1						4
106. Diarrhœa and enteritis (two years and over)	6			3		1	4	1			1															2	4
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	7	2				2	3	1						1		1										3	4
109. Other affections of the intestines	1												1														1
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	5													2		1	2									4	1
113. Biliary calculi																											
114. Other affections of the liver	6												1		1	2				1	1						6
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1902.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	2		2				2																				1	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)																												
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	80	79	1				80																				45	35
152. Other diseases appertaining to infancy,	4	4					4																				1	3
153. Lack of care																												
Total early infancy	84	83	1				84																				46	38
XII. Old Age.																												
154. Senile debility	27																	1		4	1	10	5	4	2		9	18
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	1											1															1	
156. Suicide by asphyxia																												
157. Suicide by hanging or strangulation																												
158. Suicide by submersion	1											1															1	
159. Suicide by firearms	3												1		1		1										3	
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	3														1				1				1				1	2
165a. Luxations																												
166. Other accidental traumatisms	18					1	1	2	2	2	1	1	2	1	4		1			1							17	1
167. Burns and scalds	2					1	1				1																1	
168. Burns by corrosive substances																												
169. Insolation	1			1		1																						1
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	3										1	1								1							3	
173a. Inanition	1	1				1																					1	
174. Absorption of deleterious gases (suicide excepted)																												
175. Other acute poisonings	3											1			1				1								2	1
176. Other external violence	2														2												2	
Total affections, etc.	38		1		1	2	4	2	2	3	3	2	5	1	8	1	1	1	2		2			1			32	6
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	12	1				1				1			1	1	3	1	1	2		1							5	7
Total ill-defined diseases	12	1				1				1			1	1	3	1	1	2		1							5	7
Total from all causes,	916	270	58	20	6	6	360	23	16	17	33	46	42	42	49	51	39	37	35	34	28	32	17	12	3	461	455	

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel \$1.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF AUGUST, 1902, AND FOR THE CORRESPONDING MONTH IN 1901.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

VEGETABLES.

Potatoes	.	.	.	.	.	.	.	9 bushels
Pears	.	.	.	.	.	.	.	1 barrel

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		24	164	2	2	16	1	209
Release		—	14	1	9	51	1	76
TOTALS		24	178	3	11	67	2	285
		Positive.		Negative.	Unsat.			
Tuberculosis		47		116	—			163
Typhoid		16		73	11			100
Glanders		1		3	7			11
Other Examinations		3		6	—			9
GRAND TOTAL								568

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

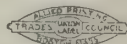
For the month of August, 1902, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.																																								
1	30.00	72	80	S.W.	*T	Mean Barometer, 29.93.																																								
2	29.94	76	78	S.W.	.00	Highest Barometer, 30.29 on the 29th.																																								
3	29.88	76	77	S.W.	.00	Lowest Barometer, 29.62 on the 7th.																																								
4	29.82	76	81	E.	.03	Monthly Range of Barometer, 67.																																								
5	29.91	67	94	E.	*T	Mean Temperature, 68.																																								
6	29.72	68	88	N.	.25	Highest Temperature, 88 on the 2nd.																																								
7	29.68	70	66	W.	*T	Lowest Temperature, 53 on the 13th.																																								
8	29.76	71	78	W.	.16	Monthly Range of Temperature, 32.																																								
9	30.02	70	67	W.	.00	Greatest Daily Range of Temperature, 23 on the 14th.																																								
10	30.14	68	60	E.	.00	Least Daily Range of Temperature, 6 on the 5th.																																								
11	29.88	72	90	S.	1.02	Mean Daily Range of Temperature, 15.																																								
12	29.96	66	64	N.W.	.25	Mean Daily Dew-point, 58.																																								
13	30.10	63	52	N.W.	.00	Mean Daily Relative Humidity, 74.																																								
14	30.04	66	58	W.	.00	Prevailing Direction of Wind, W.																																								
15	29.87	70	64	W.	.00	Total Movement of Wind, 6,251 miles.																																								
16	29.82	62	54	N.W.	.00	Highest Velocity of Wind and Direction, 29 W. on the 11th.																																								
17	29.80	63	60	N.W.	.00	Number of Foggy Days, 0. Number of Fair Days, 10.																																								
18	29.83	63	66	W.	.00	Number of Clear Days, 14. Number of Cloudy Days, 7.																																								
19	29.84	60	83	W.	.29	Total Number of Days on which Rain or Snow fell, 13.																																								
20	30.00	63	70	N.W.	.00	Depth of Unmelted Snow on ground at end of month, none.																																								
21	29.96	66	77	S.	.01	Dates of Auroras, none. Dates of Lunar Halos, none.																																								
22	29.82	66	88	E.	*T	Dates of Solar Halos, none.																																								
23	29.86	64	88	N.W.	.14	Thunder Storm, 4, 8, 11, 22, 23, 25. Dates of Frosts, none.																																								
24	30.02	62	73	E.	.00	Mean Maximum Temperature, 75.1 Mean Minimum Temperature, 60.1																																								
25	29.98	64	77	E.	.05	<div>MEAN TEMPERATURE for this month in</div> <table><tr><td>1871</td><td>72</td><td>1871</td><td>3.08</td></tr><tr><td>1872</td><td>72</td><td>1872</td><td>10.68</td></tr><tr><td>1873</td><td>69</td><td>1873</td><td>6.21</td></tr><tr><td>1874</td><td>68</td><td>1874</td><td>6.67</td></tr><tr><td>1875</td><td>71</td><td>1875</td><td>3.50</td></tr><tr><td>1876</td><td>70</td><td>1876</td><td>1.23</td></tr><tr><td>1877</td><td>71</td><td>1877</td><td>4.49</td></tr><tr><td>1878</td><td>68</td><td>1878</td><td>7.66</td></tr><tr><td>1879</td><td>68</td><td>1879</td><td>6.71</td></tr><tr><td>1880</td><td>69</td><td>1880</td><td>2.90</td></tr></table>	1871	72	1871	3.08	1872	72	1872	10.68	1873	69	1873	6.21	1874	68	1874	6.67	1875	71	1875	3.50	1876	70	1876	1.23	1877	71	1877	4.49	1878	68	1878	7.66	1879	68	1879	6.71	1880	69	1880	2.90
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26	29.92	70	71	W.	.00	<table><tr><td>1881</td><td>70</td><td>1881</td><td>1.23</td></tr><tr><td>1882</td><td>70</td><td>1882</td><td>1.46</td></tr><tr><td>1883</td><td>68</td><td>1883</td><td>0.39</td></tr><tr><td>1884</td><td>68</td><td>1884</td><td>5.01</td></tr><tr><td>1885</td><td>67</td><td>1885</td><td>7.64</td></tr><tr><td>1886</td><td>68</td><td>1886</td><td>3.64</td></tr><tr><td>1887</td><td>67</td><td>1887</td><td>3.05</td></tr><tr><td>1888</td><td>71</td><td>1888</td><td>6.53</td></tr><tr><td>1889</td><td>67</td><td>1889</td><td>3.95</td></tr><tr><td>1890</td><td>69</td><td>1890</td><td>2.70</td></tr></table>	1881	70	1881	1.23	1882	70	1882	1.46	1883	68	1883	0.39	1884	68	1884	5.01	1885	67	1885	7.64	1886	68	1886	3.64	1887	67	1887	3.05	1888	71	1888	6.53	1889	67	1889	3.95	1890	69	1890	2.70
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27	30.00	71	68	W.	.00	<table><tr><td>1891</td><td>70</td><td>1891</td><td>3.87</td></tr><tr><td>1892</td><td>70</td><td>1892</td><td>4.87</td></tr><tr><td>1893</td><td>70</td><td>1893</td><td>6.46</td></tr><tr><td>1894</td><td>68</td><td>1894</td><td>3.03</td></tr><tr><td>1895</td><td>71</td><td>1895</td><td>3.24</td></tr><tr><td>1896</td><td>71</td><td>1896</td><td>2.15</td></tr><tr><td>1897</td><td>70</td><td>1897</td><td>3.05</td></tr><tr><td>1898</td><td>73</td><td>1898</td><td>6.38</td></tr><tr><td>1899</td><td>69</td><td>1899</td><td>2.52</td></tr><tr><td>1900</td><td>71</td><td>1900</td><td>2.46</td></tr></table>	1891	70	1891	3.87	1892	70	1892	4.87	1893	70	1893	6.46	1894	68	1894	3.03	1895	71	1895	3.24	1896	71	1896	2.15	1897	70	1897	3.05	1898	73	1898	6.38	1899	69	1899	2.52	1900	71	1900	2.46
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1900	71	1900	2.46																																											
28	30.24	63	72	N.E.	.00	<table><tr><td>1901</td><td>71</td><td>1901</td><td>3.25</td></tr><tr><td>1902</td><td>68</td><td>1902</td><td>2.20</td></tr></table>	1901	71	1901	3.25	1902	68	1902	2.20																																
1901	71	1901	3.25																																											
1902	68	1902	2.20																																											
29	30.26	64	76	E.	.00																																									
30	30.18	69	76	W.	.00																																									
31	30.06	72	88	W.	.00																																									
TOTALS.....	—	—	—	—	2.20																																									
MEANS.....	29.93	68	74	W.	.071																																									

* T indicates trace of precipitation.

Average mean temperature for 32 years, 70.

Average monthly precipitation for 32 years, 4.16.



OK BAY STATION

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of September, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of September, 1902 868
 Population estimated at 588,741 for the month
 of September, 1902. Rate per 1,000 inhabitants, 17.69

Total number 868

SEX.

Males 459

Females 409

CONDITION.

Single 507

Married 229

Widowed 121

Divorced 2

Unknown 9

COLOR.

White 838

Black (Negro or mixed) 29

Indian —

Chinese 1

Japanese —

Total deaths of children, { Under 1 year 240
 Under 2 years 301
 Under 5 years 332

Diarrhœal diseases, { Under 1 year 101
 Under 2 years 122
 Under 5 years 124
 All ages 140

NATIVITY.

United States 587

Ireland 149

England 16

Scotland 3

Germany 17

British America 50

Italy 10

Russia 7

Sweden 6

Other Countries 11

Unknown 12

PARENTAGE.

United States 206

Irish 276

English 11

Scotch 4

German 21

British American 53

Italian 29

Russian 22

Swedish 6

Other Countries 62

Mixed 85

One parent unknown 39

Unknown 54

Still-births during the month 55

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1902.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	22							3	3	4	4		4	1	1		1				1					14	8
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia	2												1							1						1	1
4a. Malarial cachexia																											
5. Variola	9		1				1		1			1	2		1	1	2									8	1
6. Measles	1	1					1																			1	
7. Scarletina	4			3	1		4																			3	1
8. Whooping cough	16	10	4	1	1		16																			6	10
9. Diphtheria and croup	1		1				1																			1	
9a. Diphtheria	9	1	4	2			7	2																		5	4
10. Grippe	1													1												1	
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras	4	1					1										1		1			1					4
14. Dysentery	8	1	2			1	4					1						1		1	1					5	3
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	2		1				1					1														1	1
19. Other epidemic affections	5		1	1			2					1		1					1							3	2
20. Purulent infection and septicemia																											
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	73	1	2	1			4		3	5	10	16	9	7	3	7	3	3		1	2					44	29
28. Tubercle of the meninges	10	4	4	1			9	1																		4	6
29. Tubercle, abdominal	2	1					1						1													1	1
30. Pott's disease	1			1			1																			1	
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs																											
34. Tubercle, generalized	2									2																1	1
35. Scrofula																											
36. Syphilis																											
3. Tertiary																											
4. Hereditary	1	1					1																				1
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	3													1						2						2	1
40. Cancer and other malignant tumors of the stomach and liver	12											1			1	2	4	2	1		1					8	4

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78. Endocarditis, acute	9									1	1	1		1		1			1		3					2	7
79. Organic diseases of the heart	55	4				4		1	2	3	3	4	2	4	2	5	2	4	4	4	7	4				25	30
80. Angina pectoris	4											1			1	1					1					3	1
81. Affections of the arteries (atheroma, aneuriam, etc.)	7										1			1		3	1					1				3	4
82. Embolism and thrombosis	5										1			2		1			1							2	3
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	2	1				1		1																		1	1
86. Other affections of the circulatory appa- ratus																											
Total of circulatory apparatus	82	5				5		2	2	4	6	6	2	8	3	11	3	4	6	4	11	5				36	46
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossae																											
88. Affections of the larynx	3		1	1		2					1																3
89. Affections of the thyroid body																											
90. Bronchitis, acute	7	3	1			4										2		1								2	5
91. Bronchitis, chronic	8	1				1												1	3	2		1				1	7
92. Broncho-pneumonia	15	3	4			7	1					1	1	1		1	1			1	1					7	8
93. Pneumonia	33	8	2	1		11		2			1	5	2	1	1	1	2		1	1	1	2	1	1	1	18	15
94. Pleurisy	5	1				1						1	1			1		1								4	1
95. Pulmonary congestion and apoplexy	1	1				1																					1
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory appa- ratus (phthisis excepted)																											
Total respiratory apparatus	72	17	8	2		27	1	2			2	7	4	2	1	3	5	2	5	4	2	3	1	1		32	40
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx	1	1				1																				1	
102. Affections of the esophagus																											
103. Ulcer of the stomach	2										1							1								1	1
104. Other affections of the stomach (cancer excepted)																											
105. Diarrhœa and enteritis (under two years)	117	98	19			117																				60	57
105a. Diarrhœa and enteritis, chronic	8	1				1										2	2	2		1						1	7
106. Diarrhœa and enteritis (two years and over)	3			1		1	1									1										2	1
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	11	1	1			2	1			2				2					3			1				8	3
109. Other affections of the intestines	4	1			1	2						1				1										2	2
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	7											1		1	1	1		3								5	2
113. Biliary calculi	1												1														1
114. Other affections of the liver	9	1		1		2				1			1	1		1	2		1							5	4
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for September, 1902.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —Concluded.																											
116. Peritonitis, simple (puerperal excepted),	2						1	2				2		1	1			1								5	3
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the iliac fossa	12						1	2	2	2	3				1				1							11	1
Total digestive apparatus . . .	183	103	20	2	1	126	4	2	2	5	3	2	7	4	2	6	4	7	7		1	1				101	82
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	20					1	1			1	2	1	2			2	1	2	4	4						14	6
120. Bright's disease	13									1	1		1	1		1	2	3	2		1					6	7
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	1																		1							1	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	2																			2						2	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous																											
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary	1												1														1
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	37					1	1			2	3	1	4	1		3	3	5	7	6	1					23	14
VII. Puerperal State.																											
134. Accidents of pregnancy	1											1															1
135. Hemorrhage, puerperal																											
136. Other accidents of labor	2								1				1														2
137. Septicemia, puerperal	3										2	1															8
138. Albuminuria and puerperal eclampsia,	3										1	1		1													8
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	9								1		3	3	1	1													9
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene																											
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa																											
Total skin tissue																											
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1902.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.— Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion																												
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	1	1				1																					1	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	91	83	8			91																					48	43
152. Other diseases appertaining to infancy,	4	4				4																					1	3
153. Lack of care																												
Total early infancy	95	87	8			95																					49	46
XII. Old Age.																												
154. Senile debility	19																			1	5	2	3	3	5	5	14	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	2												1						1								1	1
156. Suicide by asphyxia																												
157. Suicide by hanging or strangulation																												
158. Suicide by submersion	1												1														1	
159. Suicide by firearms	3											1		1	1												3	
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	5				1	1	2							1	1	1											5	
165a. Luxations																												
166. Other accidental traumatisms	26	2		1	1	4		1	1	2	3	3	1	4	1	3	1		1				1				22	4
167. Burns and scalds	10	1				1					1	2		2		1	1	1		1							4	6
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	5							1			1		1	2													4	1
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)	1											1															1	
175. Other acute poisonings	2										1		1														2	
176. Other external violence	7										1	2		2		1	1										6	1
Total affections, etc.	62	3		2	2	7		1	2	2	6	9	3	12	5	7	3	1	1	2			1				49	13
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	7											2			1		1	1		1	1						1	6
Total ill-defined diseases	7											2			1		1	1		1	1						1	6
Total from all causes,	868	240	61	19	7	5	332	13	15	17	36	54	45	49	34	30	42	36	30	48	30	30	17	4	6	459	409	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF SEPTEMBER, 1902, AND FOR THE CORRESPONDING MONTH IN 1901.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Sept., 1902.	Sept., 1901.	Sept., 1902.	Sept., 1901.		Sept., 1902.	Sept., 1901.	Sept., 1902.	Sept., 1901.
Cholera	—	—	—	—	Measles	17	68	1	—
Chicken-pox	11	15	—	—	Scarlatina	65	75	—	—
Cerebro-spinal Meningitis . .	4	5	—	—	Smallpox	54	30	—	—
Diphtheria and Croup . . .	142	116	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	197	164	—	—
Tuberculosis	71	75	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	1,971
Calves	"	.	.	.	.	.	1,710
Sheep	"	.	.	.	.	.	18
Hogs	"	.	.	.	.	.	88
Cattle condemned, 4	.	.	.	.	.	.	1,575 lbs.
Calves	"	—	.	.	.	.	— "
Sheep	"	—	.	.	.	.	— "
Hogs	"	—	.	.	.	.	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	.	.	.	.	.	569 lbs.
Poultry (tainted)	.	.	.	.	.	79 "

VEGETABLES.

Apples	.	.	.	.	.	.	.	7 barrels
Beans	.	.	.	.	.	.	.	22 boxes
Cabbage	.	.	.	.	.	.	.	7,050 heads
Pears	.	.	.	.	.	.	.	6 barrels
Potatoes	.	.	.	.	.	.	.	1 barrel

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	39	206	5	2	38	—	290
Release	3	18	—	18	62	3	104
TOTALS	42	224	5	20	100	3	394
	Positive.		Negative.		Unsat.		
Tuberculosis	42		119		—		161
Typhoid	16		128		7		151
Glanders	3		2		4		9
Other Examinations	4		21		—		25
	GRAND TOTAL . . .						740

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of September, 1902, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.	
1	29.93	78	83	S.W.	.00	Mean Barometer, 30.08.	
2	29.92	75	65	W.	.07	Highest Barometer, 30.43 on the 6th.	
3	30.06	69	64	N.W.	.00	Lowest Barometer, 29.71 on the 29th.	
4	29.82	70	80	S.	.62	Monthly Range of Barometer, 72.	
5	30.13	60	54	N.W.	.00.	Mean Temperature, 62.6	
6	30.39	56	66	E.	.00	Highest Temperature, 89 on the 1st.	
7	30.10	66	84	S.W.	.12	Lowest Temperature, 47 on the 15th.	
8	30.09	70	68	W.	.00	Monthly Range of Temperature, 42.	
9	29.88	70	92	S.	.05	Greatest Daily Range of Temperature, 22 on the 1st.	
10	29.89	64	74	N.W.	.10	Least Daily Range of Temperature, 4 on the 21st.	
11	30.15	62	78	W.	.00	Mean Daily Range of Temperature, 12.8	
12	30.22	66	72	S.W.	.00	Mean Daily Dew-point, 55.8	
13	30.04	61	91	S.E.	.11	Mean Daily Relative Humidity, 81.	
14	30.14	60	66	N.W.	.13	Prevailing Direction of Wind, E.	
15	30.22	54	64	E.	.00	Total Movement of Wind, 6,614 miles.	
16	30.30	58	70	E.	.00	Highest Velocity of Wind and Direction, 28 S. on the 9th.	
17	30.36	58	84	N.E.	.00	Number of Foggy Days, 4. Number of Fair Days, 5.	
18	30.30	60	92	N.E.	*T	Number of Clear Days, 10. Number of Cloudy Days, 15.	
19	30.25	63	97	E.	.02	Total Number of Days on which Rain or Snow fell, 16.	
20	30.34	61	98	N.E.	.00	Depth of Unmelted Snow on ground at end of month, none.	
21	30.34	60	96	N.E.	*T	Dates of Auroras, none. Dates of Lunar Halos, none.	
22	30.14	61	93	E.	.00	Dates of Solar Halos, none.	
23	29.95	63	90	E.	.00	Thunder Storm, none. Dates of Frosts, none.	
24	30.04	59	66	N.	.00	Mean Maximum Temperature, 69. Mean Minimum Temperature, 56.2	
25	30.29	52	71	E.	.00	MEAN TEMPERATURE for this month in	Total Precipitation for this Month in Inches.
26	30.18	56	82	E.	*T		
27	29.89	62	98	E.	.32	1871 59	1871 1.30
28	29.78	63	98	E.	.01	1872 64	1872 6.04
29	29.76	62	98	N.	.53	1873 62	1873 2.91
30	29.78	60	96	N.	*T	1874 64	1874 2.05
31						1875 39	1875 3.12
TOTALS	—	—	—	—	2.08	1876 59	1876 3.84
MEANS	30.08	62.6	81.00	E.	.069	1877 64	1877 3.60
						1878 68	1878 3.47
						1879 61	1879 1.84
						1880 64	1880 2.36
						1881 66	1881 2.50
						1882 63	1882 10.93
						1883 59	1883 1.50
						1884 66	1884 0.31
						1885 60	1885 1.70
						1886 63	1886 2.73
						1887 60	1887 0.97
						1888 60	1888 6.77
						1889 63	1889 3.19
						1890 63	1890 5.04
						1891 67	1891 2.29
						1892 62	1892 1.90
						1893 60	1893 1.59
						1894 65	1894 2.14
						1895 66	1895 1.53
						1896 62	1896 6.40
						1897 63	1897 2.38
						1898 66	1898 1.93
						1899 63	1899 5.09
						1900 65	1900 4.62
						1901 65	1901 2.50
						1902 62	1902 2.08

T indicates trace of precipitation.

Average mean temperature for 32 years, 63.

Average monthly precipitation for 32 years, 3.14.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of October, 1902	960
Population estimated at 589,838 for the month of October, 1902.	Rate per 1,000 inhabitants, 19.53

Total number 960

SEX.

Males 496

Females 464

CONDITION.

Single 507

Married 285

Widowed 149

Divorced 5

Unknown 14

COLOR.

White 930

Black (Negro or mixed) 26

Indian —

Chinese 4

Japanese —

Total deaths of children,	Under 1 year	229
	Under 2 years	282
	Under 5 years	323

Diarrhœal diseases,	Under 1 year	50
	Under 2 years	65
	Under 5 years	67
	All ages	75

NATIVITY.

United States 624

Ireland 168

England 25

Scotland 5

Germany 13

British America 57

Italy 14

Russia 14

Sweden 7

Other Countries 16

Unknown 17

PARENTAGE.

United States 206

Irish 301

English 32

Scotch 12

German 21

British American 42

Italian 41

Russian 33

Swedish 15

Other Countries 56

Mixed 87

One parent unknown 54

Unknown 60

Still-births during the month 42

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1902.	AGE.																		SEX.								
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																												
1. Typhoid Fever	23							2	1	4	3	4	1	4		2	2										11	12
2. Exanthematon typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia	1																			1							1	
4a. Malarial cachexia																												
5. Variola	10	1					1					3		2		1	2			1							7	3
6. Measles	1			1			1																				1	
7. Scarlatina	8	1		3	1		5	3																			6	2
8. Whooping cough	16	7	5	3	1		16																				9	7
9. Diphtheria and croup	5	2		1	1		4		1																		2	3
9a. Diphtheria	16	2	4	2	3	1	12	3	1																		10	6
10. Grippe	1																					1					1	
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras	1															1											1	
14. Dysentery	3		1				1										1			1							3	
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	4	1					1					1		1						1							3	1
19. Other epidemic affections	1	1					1																				1	
20. Purulent infection and septicemia . .	6		2				2				1	1		1					1								2	4
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc. . . .																												
25. Pellagra																												
26. Tubercle of the larynx	1											1															1	
27. Tubercle of the lungs	100	1	4	2		2	9			9	12	17	10	12	7	8	6	3	3	2	1	1					61	39
28. Tubercle of the meninges	9	3	2	2	1	1	9																				4	5
29. Tubercle, abdominal	2		1				1	1																			1	1
30. Pott's disease	1				1		1																					1
31. Abscess, cold and by congestion . . .																												
32. Tumors, white (white swellings) . . .																												
33. Tubercle of other organs	2									1						1											1	1
34. Tubercle, generalized	3		1	1			2											1										3
35. Scrofula																												
36. Syphilis																												
3. Tertiary	1															1											1	
4. Hereditary	3	3					3																				1	2
37. Blennorrhagia of the adult																												
38. Gonococcal infections of the child . .																												
39. Cancer and other malignant tumors of the buccal cavity	8												1		1	2		1				2	1				5	3
40. Cancer and other malignant tumors of the stomach and liver	14												1	1	1		2	1	2	2	1	3					5	9

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum .	8													1				1	2	3		1				4	4
42. Cancer and other malignant tumors of the genital organs of the female . .	5												1	1				1	2								5
43. Cancer and other malignant tumors of the breast	2															1	1										2
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	7																1	1	3	2						6	
46. Other tumors (tumors of the female genital organs excepted)	3	1					1						1							1						1	2
47. Rheumatism, acute, articular	2								1									1								1	1
48. Rheumatism, chronic, and gout.	10												1		1	1	1	1	1	3		2				5	
49. Scorbutus																											
50. Diabetes	11												1	2	1	2	1			4						4	
51. Goitre, exophthalmic	1																				1						1
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis	2												2														2
55. Other general diseases																											
56. Alcoholism, acute and chronic	13									1	1	2	5		1	2	1									10	3
57. Saturnism	1															1										1	
58. Other trade intoxications	1											1														1	
59. Other chronic poisonings																											
Total general diseases	306	23	20	15	8	4	70	9	4	14	16	26	21	26	16	19	20	16	13	17	7	11	1			164	142
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	20	6	3		1		10	3	2	1	1		1						1		1					7	13
61a. Meningitis, epidemic cerebrospinal . .	6	1	1		2	1	5	1																		4	2
62. Locomotor ataxia, progressive	1																			1						1	
63. Other diseases of the spinal cord																											
64. Cerebral congestion and hemorrhage . .	33	1					1					1		2	4	4	3	2	2	3	6	4	1			19	14
65. Cerebral softening	1																						1			1	
66. Paralysis, without cause assigned . . .	6															2			1	1	2				4	2	
67. General paralysis	1															1										1	
68. Other forms of mental alienation . . .																											
69. Epilepsy	3									1		1				1											3
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	5	4		1			5																			2	3
72. Tetanus	1	1					1																				1
73. Chorea	1									1																1	
74. Hysteria																											
74b. Other affections of the nervous system .	1								1																		1
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear																											
Total of the nervous system, etc.,	79	13	4	1	3	1	22	4	3	2	2		3		2	5	7	3	3	4	4	9	4	2		39	40
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	2															1				1							2

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1902.	AGE.																				SEX.				
		Under 1 year.																			Males.	Females.				
			1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.			70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.
III. Diseases of the Circulatory Apparatus.—Concluded.																										
78. Endocarditis, acute	9									2	1	1				1	2	1		1					4	5
79. Organic diseases of the heart	82				1	1	1	1	1	5	5	6	5	3	3	8	13	7	10	6	6	1			32	56
80. Angina pectoris	3														1		2								3	
81. Affections of the arteries (atheroma, aneurism, etc.)	8												1	1		1		2	1	1	1				6	2
82. Embolism and thrombosis	5									1		1	1					1						1	1	4
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																										
84. Affections of the lymphatic system (lymphangitis, etc.)	1														1										1	
85. Hemorrhages																										
86. Other affections of the circulatory appa- ratus																										
Total of circulatory apparatus	110				1	1	1	1	1	8	6	8	7	5	5	10	17	12	11	8	7	1	1		49	61
IV. Diseases of the Respiratory Apparatus.																										
87. Diseases of the nasal fossæ																										
88. Affections of the larynx																										
89. Affections of the thyroid body																										
90. Bronchitis, acute	30	15	2	1		18						1			3			3	2	1	1		1		13	17
91. Bronchitis, chronic	9	1				1						1				1		2	1	3					2	7
92. Broncho-pneumonia	37	17	4	1		22	1	1	3	2				2		3	1	1		1					18	19
93. Pneumonia	57	19	7	1		27		1	4	2	1	3	2	1	3		4	1	4	2	1	1			23	34
94. Pleurisy	2								1						1										1	1
95. Pulmonary congestion and apoplexy	2	2				2																			1	1
96. Gangrene of the lung																										
97. Asthma																										
98. Emphysema, pulmonary																										
99. Other diseases of the respiratory appa- ratus (phthisis excepted)	1								1																	1
Total respiratory apparatus	138	54	13	2	1	70	1	2	9	4	8	3	2	7	4	3	10	5	8	4	1	2		58	80	
V. Diseases of the Digestive Apparatus.																										
100. Affections of the mouth and its adnexa,																										
101. Affections of the pharynx	1																	1							1	
102. Affections of the esophagus																										
103. Ulcer of the stomach	2							1				1													2	
104. Other affections of the stomach (cancer excepted)	1	1				1																				1
105. Diarrhœa and enteritis (under two years)	64	50	14			64																			37	27
105a. Diarrhœa and enteritis, chronic	4			1	1	2									1								1		3	1
106. Diarrhœa and enteritis (two years and over)	3														1			1	1							3
107. Parasites, intestinal																										
108. Hernia, intestinal obstructions	8	1		1	2			1		1					1	2		1							4	4
109. Other affections of the intestines																										
110. Icterus, grave																										
111. Hydatid tumors of the liver																										
112. Cirrhosis of the liver	2												1		1										2	
113. Biliary calculi																										
114. Other affections of the liver	2											1					1								1	1
115. Affections of the spleen																										

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for October, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —Concluded.																											
116. Peritonitis, simple (puerperal excepted),	8		1		1					1	2	2	1							1						3	5
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the illac fossa	9						1	1		1	2		1		2	1										5	4
Total digestive apparatus	104	52	14	2	2		70	1	1	1	2	3	3	4	3	2	3	4	1		4	1			1	57	47
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	35		1			1		1		3	4	1	2	3	2	3	1	3	2	5	3		1			21	14
120. Bright's disease	8											1			2	2	2	1								6	2
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	1																					1				1	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	3																		1	2						3	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous																											
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary																											
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	47	1				1		1		3	4	2	2	3	4	5	3	4	3	7	3	1	1			31	16
VII. Puerperal State.																											
134. Accidents of pregnancy	1											1															1
135. Hemorrhage, puerperal																											
136. Other accidents of labor																											
137. Septicemia, puerperal	4								1		1		2														4
138. Albuminuria and puerperal eclampsia,																											
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	5								1		1	1	2														5
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene																											
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	1														1												1
Total skin tissue	1														1												1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)	1	1				1																					1
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Number of reservoirs, 10.

REPORT OF THE BOARD OF HEALTH
 CITY OF CHICAGO
 COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
 FOR THE MONTH OF OCTOBER, 1902, AND FOR THE CORRESPONDING MONTH IN 1901.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

Veal (immatured)	485	lbs.
Poultry (tainted)	171	"
Pork	200	"
Lamb	100	"
Beef (diseased)	800	"

Apples	2 barrels
Peppers	2 "
Cauliflower	4 "

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		71	356	7	11	43	1	489
Release		2	19	—	29	113	2	165
TOTALS		73	375	7	40	156	3	654
		Positive.		Negative.		Unsat.		
Tuberculosis		68		131		—		199
Typhoid		12		112		4		128
Glanders		3		4		6		13
Other Examinations		1		10		—		11
		GRAND TOTAL . . .						1,005

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of October, 1902, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.72	59	97	N.E.	.62	Mean Barometer, 30.05.
2	29.98	64	84	N.	.00	Highest Barometer, 30.57 on the 26th.
3	30.05	62	74	N.W.	.00	Lowest Barometer, 29.21 on the 28th.
4	30.08	58	67	N.W.	.00	Monthly Range of Barometer, 1.36.
5	29.94	58	82	S.E.	.42	Mean Temperature, 54.
6	29.63	65	77	S.	.36	Highest Temperature, 76 on the 6th.
7	29.84	62	72	S.W.	.00	Lowest Temperature, 33 on the 30th.
8	30.02	56	64	W.	.00	Monthly Range of Temperature, 43.
9	30.14	56	60	S.W.	.00	Greatest Daily Range of Temperature, 25 on the 9th, 24th.
10	30.35	48	61	N.W.	.00	Least Daily Range of Temperature, 2 on the 1st.
11	30.01	54	87	S.W.	*T	Mean Daily Range of Temperature, 15.8
12	29.70	56	92	N.E.	.94	Mean Daily Dew-point, 45.
13	29.94	62	86	S.	.00	Mean Daily Relative Humidity, 751.
14	29.82	56	76	W.	.00	Prevailing Direction of Wind, S.W.
15	30.00	50	75	S.W.	.00	Total Movement of Wind, 8,521 miles.
16	30.02	56	68	W.	.00	Highest Velocity of Wind and Direction, 30 S.W. on the 28th.
17	30.30	44	70	N.	.00	Number of Foggy Days, none. Number of Fair Days, 10.
18	30.28	52	87	S.	*T	Number of Clear Days, 9. Number of Cloudy Days, 12.
19	30.06	68	86	S.W.	.01	Total Number of Days on which Rain or Snow fell, 13.
20	29.99	57	70	W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	30.26	44	69	N.W.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.30	45	74	S.W.	.00	Dates of Solar Halos, none. Dates of Frosts, Light on the 17th,
23	30.21	49	78	N.E.	.17	Thunder Storm, none. Killing on the 22d.
24	30.26	48	84	S.W.	.00	Mean Maximum Temperature, 61.5. Mean Minimum Temperature, 45.7.
25	30.14	50	80	N.W.	*T	
26	30.50	39	70	N.	*T	
27	30.04	55	83	S.	*T	
28	29.46	58	82	S.	1.84	
29	29.94	42	58	W.	*T	
30	30.45	42	58	W.	.00	
31	30.36	48	64	S.W.	.00	
TOTALS	—	—	—	—	4.36	
MEANS	30.05	54	75	S.W.	.140	

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	54	1871	5.88
1872	52	1872	4.35
1873	53	1873	5.33
1874	53	1874	1.39
1875	49	1875	4.99
1876	48	1876	1.66
1877	51	1877	8.84
1878	55	1878	6.76
1879	56	1879	0.91
1880	51	1880	3.15
1881	53	1881	2.84
1882	55	1882	2.29
1883	47	1883	6.40
1884	52	1884	3.17
1885	51	1885	5.71
1886	52	1886	3.27
1887	51	1887	2.53
1888	49	1888	3.58
1889	48	1889	3.31
1890	51	1890	5.63
1891	52	1891	5.56
1892	53	1892	2.31
1893	55	1893	2.94
1894	54	1894	5.11
1895	50	1895	6.19
1896	50	1896	8.15
1897	54	1897	0.41
1898	54	1898	7.17
1899	54	1899	2.40
1900	55	1900	3.41
1901	54	1901	8.02
1902	54	1902	4.36

* T indicates trace of precipitation.

Average mean temperature for 32 years, 52.

Average monthly precipitation for 32 years, 4.00.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of November, 1902.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of November, 1902 919
 Population estimated at 590,937 for the month
 of November, 1902. Rate per 1,000 inhabitants, 18.66

Total number 919

SEX.

Males 472

Females 447

CONDITION.

Single 492

Married 270

Widowed 148

Divorced 4

Unknown 5

COLOR.

White 903

Black (Negro or mixed) 15

Indian —

Chinese 1

Japanese —

Total deaths of children, { Under 1 year 190
 Under 2 years 236
 Under 5 years 292

Diarrhœal diseases, { Under 1 year 18
 Under 2 years 20
 Under 5 years 20
 All ages 29

NATIVITY.

United States 586

Ireland 155

England 22

Scotland 6

Germany 20

British America 64

Italy 16

Russia 14

Sweden 6

Other Countries 17

Unknown 13

PARENTAGE.

United States 208

Irish 290

English 20

Scotch 8

German 22

British American 59

Italian 38

Russian 26

Swedish 6

Other Countries 61

Mixed 84

One parent unknown 44

Unknown 53

Still-births during the month 50

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	17				1	1		1	1	3	6	2	1	1	1											13	4
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia	1													1												1	
4a. Malarial cachexia																											
5. Variola	21	3	1			4			1	2	3	3	4	1	2				1							15	6
6. Measles																											
7. Scarlatina	11	2	2	2	3		9		2																	3	2
8. Whooping cough	12	6	2	1	1	1	11	1																		5	7
9. Diphtheria and croup	3		1	1		2	1																			1	2
9a. Diphtheria	22	1	6	4	1	4	16	5	1																	10	12
10. Grippe																											
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery	3	1				1				1									1							1	2
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	1	1				1																					1
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	4													1		1			2							3	1
21. Glanders and farcy	1								1																	1	
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	93	1		1	1	3	1	1	4	7	15	19	12	7	9	6	3	5		1						52	41
28. Tubercle of the meninges	7	3	2		1	6	1																			4	3
29. Tubercle, abdominal	2	1			1									1												2	
30. Pott's disease	1			1	1																						1
31. Abscess, cold and by congestion . . .																											
32. Tumors, white (white swellings) . . .																											
33. Tubercle of other organs	2														1	1										2	
34. Tubercle, generalized	5		1		1	2	1		2																	2	3
35. Scrofula	1																				1						1
36. Syphilis																											
3. Tertiary																											
4. Hereditary																											
37. Blennorrhagia of the adult		1	1			1																					1
38. Gonococcal infections of the child . .																											
39. Cancer and other malignant tumors of the buccal cavity																											
40. Cancer and other malignant tumors of the stomach and liver	12												1		2	5	1	1		2						4	8

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																				SEX.					
	Total Mortality for November, 1902.																				Males.	Females.				
I. General Diseases.—Concluded.																										
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	7			1			1							2	1	1	1		1					3	4	
42. Cancer and other malignant tumors of the genital organs of the female	5														1			2	1	1						
43. Cancer and other malignant tumors of the breast	2																		1				1		2	
44. Cancer and other malignant tumors of the skin	1																			1			1			
45. Cancer and other malignant tumors of organs not specified	3																1						1	2		
46. Other tumors (tumors of the female genital organs excepted)	3	1					1					1								1				1	2	
47. Rheumatism, acute, articular	3														1					1	1			2	1	
48. Rheumatism, chronic, and gout.	2												1							1					2	
49. Scorbutus				1			1																1			
50. Diabetes	8											1				1		3	1	1	1			2	6	
51. Goitre, exophthalmic																										
52. Addison's disease																										
53. Leukemia																										
54. Anemia, chlorosis	4														1	1		1				1			4	
55. Other general diseases																										
56. Alcoholism, acute and chronic	7												2	3		1		1						3	4	
57. Saturnism																										
58. Other trade intoxications	1																1						1			
59. Other chronic poisonings																										
Total general diseases	267	21	14	12	8	7	62	10	3	9	14	27	28	22	18	22	12	11	9	11	4	2	1	2	134	133
II. Diseases of the Nervous System and of the Organs of Sense.																										
60. Encephalitis	1				1		1																		1	
61. Meningitis, simple	21	5	5	4	1		15				2	1	1					1	1					14	7	
61a. Meningitis, epidemic cerebrospinal	4	2	2				4																	1	3	
62. Locomotor ataxia, progressive																										
63. Other diseases of the spinal cord	2									1									1					1	1	
64. Cerebral congestion and hemorrhage	42	1	1		2						1		2	1	2	3	7	5	8	6	2	2		1	23	19
65. Cerebral softening	4																	1	2			1		2		
66. Paralysis, without cause assigned	1															1								1		
67. General paralysis	2											1							1					2		
68. Other forms of mental alienation	2										1											1			2	
69. Epilepsy	3														1		1	1						2	1	
70. Eclampsia (non-puerperal)	1									1															1	
71. Convulsions of children	8	5	1	2			8																	3	5	
72. Tetanus	1					1	1																		1	
73. Chorea																										
74. Hysteria																										
74b. Other affections of the nervous system																										
75. Diseases of the eye and appendages																										
76. Diseases of the ear	1		1				1																		1	
Total of the nervous system, etc.,	93	13	10	6	2	1	32			2	2	3	2	2	1	3	4	9	9	11	6	2	4	1	49	44
III. Diseases of the Circulatory Apparatus.																										
77. Pericarditis																										

MONTHLY STATEMENT OF DEATHS.

		AGE.																										SEX.	
																												Males.	Females.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for November, 1902.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.																											
<i>—Concluded.</i>																											
116. Peritonitis, simple (puerperal excepted),											3	3	1	1			1									4	5
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the iliac fossa	7						1	1				1	1			3										5	2
Total digestive apparatus	64	20	3		23		1	1	1	6	4	4	2	2	1	7	3	6	1	1						30	33
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	31								2	1	4	2	1	4	2	2	3	4	3	1	2					15	16
120. Bright's disease	18										1		2		2		3	5	1	4						8	10
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	1																				1					1	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	3															1	1		1							3	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous																											
130. Other diseases of the uterus	1												1														1
131. Cysts and other tumors of the ovary																											
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	34								2	1	5	2	4	4	4	3	7	9	5	5	3					27	27
VII. Puerperal State.																											
134. Accidents of pregnancy	2							1				1															2
135. Hemorrhage, puerperal																											
136. Other accidents of labor																											
137. Septicemia, puerperal	1										1																1
138. Albuminuria and puerperal eclampsia,	3								1		2																3
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	6							1	1	1	2	1															6
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene																											
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	1	1				1																					1
Total skin tissue	1	1				1																					1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),	1																				1						1
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1902.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	1																				1							
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	2	2					2																				2	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	78	75	2	1			78																				49	29
152. Other diseases appertaining to infancy,	7	7					7																				6	1
153. Lack of care																												
Total early infancy	85	82	2	1			85																				55	30
XII. Old Age.																												
154. Senile debility	31																			1	6	9	6	4	5	14	17	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	2											1	1														2	
156. Suicide by asphyxia	1																1										1	
157. Suicide by hanging or strangulation																												
158. Suicide by submerston	1											1															1	
159. Suicide by firearms	2																2										2	
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	5									1	1	1								1		1					3	2
165a. Luxations																												
166. Other accidental traumatisms	16			1		1	1		2		2	1	1	2		2	2	1		1							14	2
167. Burns and scalds	7		2	1			3				1	1	1	1													2	5
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submerston	1									1																	1	
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)	2									1						1											1	1
175. Other acute poisonings	1															1											1	
176. Other external violence	2										1									1							1	1
Total affections, etc.	40		2	1	1		4	1		5	2	4	3	3	5	1	4	3	1	2	1	1					29	11
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	14	1		2			3	2	1						3	2		1			1	1					6	8
Total ill-defined diseases	14	1		2			3	2	1						3	2		1			1	1					6	8
Total from all causes,	919	190	46	29	16	11	292	18	5	21	29	50	55	44	41	47	40	52	48	58	44	36	19	12	8	472	447	

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF NOVEMBER, 1902, AND FOR THE CORRESPONDING MONTH IN 1901.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

Veal (immatured)	1,065 lbs.
Poultry (tainted)	5,035 "

Mackerel (tainted)	200 lbs.
Spawns	"	50 "
Pickeral	"	400 "
Perch	"	500 "

Apples (decayed)	6 barrels
Sweet Potatoes (decayed)	2 "
Mixed "	1 bushel

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		70	388	14	10	45	—	527
Release		6	31	—	40	154	2	233
TOTALS		76	419	14	50	199	2	760
		Positive.		Negative.	Unsat.			
Tuberculosis		57		152	—			209
Typhoid		8		87	—			95
Glanders		2		4	1			7
Other Examinations		2		8	—			10
GRAND TOTAL								1,081

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of November, 1902, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.47	42	74	E.	.00	Mean Barometer, 30.07.
2	30.32	50	80	S.W.	.00	Highest Barometer, 30.50 on the 1st.
3	30.16	53	88	S.W.	.00	Lowest Barometer, 29.39 on the 22d.
4	30.23	48	91	E.	.00	Monthly Range of Barometer, 1.11.
5	30.22	48	93	S.W.	.00	Mean Temperature, 46.
6	30.02	56	90	S.W.	*T	Highest Temperature, 70 on the 15th.
7	30.09	49	70	N.W.	.00	Lowest Temperature, 28 on the 29th.
8	30.32	39	71	N.	.00	Monthly Range of Temperature, 42.
9	30.16	40	81	N.	.00	Greatest Daily Range of Temperature, 34 on the 14th.
10	30.00	52	72	N.W.	.00	Least Daily Range of Temperature, 6 on the 19th.
11	30.38	40	71	N.	.00	Mean Daily Range of Temperature, 16.6
12	30.04	53	84	S.W.	.09	Mean Daily Dew-point, 38.9.
13	30.36	46	100	N.E.	.02	Mean Daily Relative Humidity, 79.8.
14	30.17	51	84	S.W.	*T	Prevailing Direction of Wind, S.W.
15	30.04	58	86	S.W.	.00	Total Movement of Wind, 7,792 miles.
16	30.18	52	82	N.W.	.00	Highest Velocity of Wind and Direction, 44 N.E. on the 26th.
17	30.30	44	92	N.E.	*T	Number of Foggy Days, 4. Number of Fair Days, 5.
18	30.30	44	89	N.	.00	Number of Clear Days, 9. Number of Cloudy Days, 16.
19	30.17	46	91	N.	*T	Total Number of Days on which Rain or Snow fell, 12.
20	30.24	46	88	N.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	30.00	51	81	W.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.60	57	77	S.W.	*T	Dates of Solar Halos, none. Dates of Frosts, none.
23	29.72	41	48	W.	*T	Thunder Storm, none.
24	29.63	44	46	S.W.	.00	Mean Maximum Temperature, Mean Minimum Temperature,
25	29.82	47	62	N.	*T	MEAN TEMPERATURE for this month in Total Precipitation for this Month in Inches.
26	29.71	39	96	N.E.	.96	1871 37 1871 6.42
27	29.56	36	98	N.	.02	1872 40 1872 3.06
28	29.79	34	74	W.	.00	1873 33 1873 8.34
29	30.41	36	70	S.	.00	1874 41 1874 2.85
30	30.14	42	62	W.	*T	1875 34 1875 5.47
31						1876 40 1876 11.03
TOTALS	—	—	—	—	1.09	1877 43 1877 9.62
MEANS	30.07	46	79.8	S.W.	.036	1878 40 1878 8.94
						1879 39 1879 2.97
						1880 37 1880 2.30
						1881 42 1881 3.73
						1882 38 1882 1.20
						1883 42 1883 2.08
						1884 41 1884 3.03
						1885 44 1885 5.78
						1886 43 1886 3.59
						1887 42 1887 2.22
						1888 45 1888 4.97
						1889 45 1889 4.91
						1890 42 1890 0.97
						1891 41 1891 2.35
						1892 41 1892 4.45
						1893 42 1893 1.83
						1894 38 1894 3.10
						1895 45 1895 8.07
						1896 46 1896 3.70
						1897 41 1897 6.19
						1898 42 1898 5.32
						1899 42 1899 2.51
						1900 45 1900 4.17
						1901 37 1901 2.47
						1902 46 1902 1.09

* T indicates trace of precipitation.

Average mean temperature for 32 years, 41.

Average monthly precipitation for 32 years, 4.32.



United States	226
Irish	300
English	16
Scotch	9
German	24
British American	49
Italian	38
Russian	22
Swedish	5
Other Countries	62
Mixed	58
One parent unknown	47
Unknown	88
Still-births during the month	63

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	16							1	1	5	1	3	1	2	1	1										10	6
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola	20	5	1			1	7					2	2	2	2	3		1		1						13	7
6. Measles	2	2					2																			2	
7. Scarlatina	13		2	5	2		9	3		1																8	5
8. Whooping cough	16	9	2	4		1	16																			5	11
9. Diphtheria and croup	5		1	3			4		1																	2	3
9a. Diphtheria	14	2	2	4	1		9	3		1							1									6	8
10. Grippe	5	1					1										2	1					1			4	1
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	5	1					1										1	1		2						2	3
19. Other epidemic affections																											
20. Purulent infection and septicemia	6											1	1	1			2	1								5	1
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx	1											1														1	
27. Tubercle of the lungs	91	2	2	1	1		6		3	4	6	11	11	16	11	3	6	4	5	2	1	1	1			54	37
28. Tubercle of the meninges	9	1	2	1		1	5		1		1	1	1													5	4
29. Tubercle, abdominal	4										2						1	1								3	1
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs																											
34. Tubercle, generalized																											
35. Scrofula																											
36. Syphilis																											
3. Tertiary	2												1				1										2
4. Hereditary	2	2					2																				2
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	2																1		1							1	1
40. Cancer and other malignant tumors of the stomach and liver	12													1	1	2	1	2	2	1		2				6	6



SUMMARY OF DEATHS IN BOSTON,

With Principal Causes, for the year 1902, compared with those of 1901.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M. D., Chairman.

	1902.	1901.		1902.	1901.
Total No. of deaths from all causes	10,983	11,300	Influenza	20	166
Population	(Estimated) 586,553	(Estimated) 573,579	Intermittent fever	8	1
Annual death rate per 1,000 inhabitants	18.73	19.70	Measles	66	103
Total No. from zymotic diseases	3,098	3,464	Pulmonary, and laryngeal } tuberculosis }	1,211	1,317
Percentage of deaths from zymotic } diseases to total mortality . . . }	28.20	30.65	Puerperal septicæmia	32	31
Total No. of still-births	623	576	Pyæmia and septicæmia	89	98
Total deaths of children under 1 year	2,257	2,287	Rheumatism	55	35
“ “ “ “ 2 years	2,863	2,846	Scarlatina	87	210
“ “ “ “ 5 years	3,368	3,469	*Smallpox	190	74
Percentage of deaths under 5 years to } total mortality }	30.66	30.69	Syphilis (congenital)	17	22
Total No. of deaths from diarrhœal } diseases, under 5 years . . . }	589	646	Syphilis	10	13
Total No. of deaths from diarrhœal } diseases, all ages }	679	726	Typhoid fever	139	142
Percentage of deaths from diarrhœal } diseases to total mortality . . . }	6.18	6.41	Whooping cough	132	65
Cholera morbus	8	4	Other zymotic diseases	10	3
Cholera infantum	186	210	Cancer	482	368
Cerebrospinal meningitis	62	54	Bright's disease	187	123
Diarrhœa	450	484	Bronchitis	339	301
Dysentery	36	28	Heart disease	1,033	963
Diphtheria and croup	225	353	Pneumonia	1,115	1,099
Erysipelas	65	51	Old age	319	323
			Violent deaths	591	671

* There were two deaths included of doubtful classification.

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Male.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78. Endocarditis, acute	7						2		2				1	1		1										5	2
79. Organic diseases of the heart	81	1				1				2	3	2	2	5	4	8	7	10	15	8	8	4	2		44	3	
80. Angina pectoris	6															1		1	1	1	1				5		
81. Affections of the arteries (atheroma, aneurism, etc.)	8																3	3				1	1			8	
82. Embolism and thrombosis																											
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	5	2				2						1						1				1			3	2	
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	108	3				3	2		2	2	4	3	3	6	4	10	10	15	16	9	9	7	3		58	50	
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	27	11	1	1		13				3						4	5		1			1			9	18	
91. Bronchitis, chronic	12													1	1	2	3	1	4						4	8	
92. Broncho-pneumonia	42	10	4	6	2	2	24	2		1	1	2	4	1	3		1	1	1			1			19	23	
93. Pneumonia	90	16	7	5	1		29	1	1	1	1		4	7	2	5	5	5	3	8	7	6	2	3	44	46	
94. Pleurisy	2							1				1													2		
95. Pulmonary congestion and apoplexy																											
96. Gangrene of the lung	1												1												1		
97. Asthma																											
98. Emphysema, pulmonary	1														1										1		
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	175	37	12	12	3	2	66	4	1	2	1	4	7	11	4	9	7	12	12	10	12	6	2	5		80	95
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	3														2	1										3	
104. Other affections of the stomach (cancer excepted)																											
105. Diarrhœa and enteritis (under two years)	10	8	2			10																			6	4	
105a. Diarrhœa and enteritis, chronic	4															1		1			2				4		
106. Diarrhœa and enteritis (two years and over)	1		1			1																			1		
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	7	1				1											1	2	3						3	4	
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	7		1			1						2	1			1	1	1							3	4	
113. Biliary calculi																											
114. Other affections of the liver	4												2	1						1						4	
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1902.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.— Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care,																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF DECEMBER, 1902, AND FOR THE CORRESPONDING MONTH IN 1901.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

String Beans (decayed)	.	.	.	.	.	62 crates
Potatoes	"	.	.	.	.	73 bushels
Cabbages	"	.	.	.	.	1 crate
Turnips	"	.	.	.	.	4 barrels
Apples	"	.	.	.	.	5 "
Kale	"	.	.	.	.	106 "
Egg Plant	"	.	.	.	.	4 crates
Cranberries	"	.	.	.	.	5 barrels
Squash	"	.	.	.	.	7 crates
Mixed	"	.	.	.	.	$\frac{1}{2}$ barrel
Peppers	"	.	.	.	.	41 crates

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	32	343	5	11	57	—	448
Release	3	27	—	31	105	1	167
TOTALS	35	370	5	42	162	1	615
	Positive.		Negative.		Unsat.		
Tuberculosis	40		160		—		200
Typhoid	19		67		5		91
Glanders	6		—		2		8
Other Examinations	—		9		—		9
	GRAND TOTAL . . .						923

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of December, 1902, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.90	38	72	W.	.22	Mean Barometer, 30.08.
2	29.92	42	63	W.	.00	Highest Barometer, 30.72 on the 15th.
3	29.60	44	94	E.	.32	Lowest Barometer, 29.51 on the 5th.
4	29.88	38	88	W.	.00	Monthly Range of Barometer, 1.21.
5	29.62	25	96	N.W.	.55	Mean Temperature, 28.5.
6	30.28	18	71	W.	.00	Highest Temperature, 58 on the 22d.
7	30.12	20	94	W.	.18	Lowest Temperature, 8 on the 9th.
8	29.93	14	62	W.	*T	Monthly Range of Temperature, 66.
9	30.36	-2	76	N.W.	.00	Greatest Daily Range of Temperature, 37 on the 10th.
10	30.09	18	82	S.W.	.01	Least Daily Range of Temperature, 5 on the 12th.
11	30.23	27	70	N.	*T	Mean Daily Range of Temperature, 16.2
12	30.33	20	92	N.	.08	Mean Daily Dew-point, 22.1.
13	30.23	14	100	N.	.36	Mean Daily Relative Humidity, 78.7.
14	30.48	16	79	N.	*T	Prevailing Direction of Wind, W.
15	30.70	22	78	N.E.	.00	Total Movement of Wind, 9,258 miles.
16	30.12	42	96	S.	.45	Highest Velocity of Wind and Direction, 38 S.W.
17	29.78	43	71	W.	.44	Number of Foggy Days, 0.
18	29.70	35	80	W.	.00	Number of Fair Days, 5.
19	29.89	38	70	S.W.	.00	Number of Clear Days, 13.
20	30.37	34	62	N.W.	.00	Number of Cloudy Days, 13.
21	30.36	40	86	E.	.50	Total Number of Days on which Rain or Snow fell, 16.
22	29.88	50	82	W.	.74	Depth of Unmelted Snow on ground at end of month, 0.6.
23	30.12	30	71	N.W.	.00	Dates of Auroras, none.
24	30.30	21	63	N.	.00	Dates of Lunar Halos, none.
25	29.96	28	87	N.	.27	Dates of Solar Halos, none.
26	29.78	27	84	N.W.	.22	Dates of Frosts, none.
27	29.78	26	80	S.W.	.04	Thunder Storm, none.
28	30.02	20	81	W.	.00	Mean Maximum Temperature, 36.5.
29	30.16	32	84	S.W.	.04	Mean Minimum Temperature, 20.5.
30	30.12	36	72	W.	.06	
31	30.25	33	52	N.W.	.00	
TOTALS	—	—	—	—	4.48	
MEANS	30.08	28.5	78.7	W.	.144	
						MEAN TEMPERATURE for this month in
						Total Precipitation for this Month in Inches.
						1871 28
						1872 24
						1873 31
						1874 31
						1875 29
						1876 22
						1877 35
						1878 30
						1879 32
						1880 26
						1881 38
						1882 30
						1883 29
						1884 33
						1885 33
						1886 29
						1887 32
						1888 36
						1889 38
						1890 26
						1891 40
						1892 30
						1893 30
						1894 32
						1895 36
						1896 30
						1897 34
						1898 32
						1899 36
						1900 33
						1901 32
						1902 28
						1871 3.38
						1872 3.29
						1873 5.64
						1874 2.14
						1875 0.75
						1876 3.71
						1877 1.32
						1878 6.76
						1879 5.36
						1880 3.42
						1881 3.80
						1882 2.65
						1883 3.71
						1884 4.46
						1885 2.09
						1886 3.66
						1887 2.71
						1888 4.38
						1889 1.83
						1890 3.92
						1891 3.58
						1892 1.12
						1893 5.16
						1894 2.45
						1895 1.70
						1896 2.19
						1897 1.52
						1898 2.19
						1899 1.52
						1900 2.25
						1901 8.49
						1902 4.48

* T indicates trace of precipitation.

Average mean temperature for 32 years, 31.

Average monthly precipitation for 32 years, 3.30.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of January, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of January, 1903	1,037
Population estimated at 593,141 for the month of January, 1903.	Rate per 1,000 inhabitants, 20.98

Total number	1,037	NATIVITY.	
SEX.		United States	644
Males	523	Ireland	200
Females	504	England	25
CONDITION.		Scotland	7
Single	507	Germany	17
Married	323	British America	57
Widowed	193	Italy	11
Divorced	3	Russia	14
Unknown	11	Sweden	9
COLOR.		Other Countries	25
White	999	Unknown	28
Black (Negro or mixed)	35	PARENTAGE.	
Indian	—	United States	228
Chinese	3	Irish	311
Japanese	—	English	19
Total deaths of children,		Scotch	9
{ Under 1 year	190	German	18
{ Under 2 years	227	British American	48
{ Under 5 years	275	Italian	41
Diarrhœal diseases,		Russian	24
{ Under 1 year	24	Swedish	12
{ Under 2 years	25	Other Countries	65
{ Under 5 years	25	Mixed	83
{ All ages	27	One parent unknown	73
		Unknown	106
		Still-births during the month	58

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1903.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	4													1		1			1			1					4	
42. Cancer and other malignant tumors of the genital organs of the female	2																1	1										
43. Cancer and other malignant tumors of the breast	3													1		1				1							3	
44. Cancer and other malignant tumors of the skin																												
45. Cancer and other malignant tumors of organs not specified	5													1	1	1	1						1			1	4	
46. Other tumors (tumors of the female genital organs excepted)	1																	1									1	
47. Rheumatism, acute, articular	3														1		1		1								2	1
48. Rheumatism, chronic, and gout.	6										1	2					1			1				1			5	1
49. Scorbutus																												
50. Diabetes	9													1	2		1	1	1	2	1						5	4
51. Goitre, exophthalmic																												
52. Addison's disease																												
53. Leukemia																												
54. Anemia, chlorosis	7										1				2	1	2			1						1	6	
55. Other general diseases																												
56. Alcoholism, acute and chronic	9													2	1	3			2	1							7	2
57. Saturnism																												
58. Other trade intoxications																												
59. Other chronic poisonings																												
Total general diseases	260	18	8	8	6	8	48	6	5	7	15	27	20	25	27	18	13	15	7	13	5	4	3	2		135	125	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis	1																							1			1	
61. Meningitis, simple	19	6	6	1			13	1	1					1		1						1				5	14	
61a. Meningitis, epidemic cerebrospinal	6	1	3				4	1			1															4	2	
62. Locomotor ataxia, progressive	1																			1						1		
63. Other diseases of the spinal cord	2														1				1							1	1	
64. Cerebral congestion and hemorrhage	46							1					2	2	2	2	4	3	3	6	7	5	6	2	1	25	21	
65. Cerebral softening																												
66. Paralysis, without cause assigned	8														1	1		2		3		1				4	4	
67. General paralysis	3																			1	2					2	1	
68. Other forms of mental alienation	2												2														2	
69. Epilepsy																												
70. Eclampsia (non-puerperal)	1									1																	1	
71. Convulsions of children	12	9	2	1			12																			9	3	
72. Tetanus	2																1				1					1	1	
73. Chorea																												
74. Hysteria																												
74b. Other affections of the nervous system	2															2											2	
75. Diseases of the eye and appendages																												
76. Diseases of the ear																												
Total of the nervous system, etc.	105	16	11	2			29	3	1	1		1	5	3	6	4	5	5	4	8	13	5	8	2	2	54	51	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis	2															1				1						1	1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1903.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	6						1							1	1	1		1			1					3	3
79. Organic diseases of the heart	93			1		1	1		3	1	6	2	4	5	6	4	14	13	9	11	9	2	2			47	46
80. Angina pectoris	1															1										1	
81. Affections of the arteries (atheroma, aneurism, etc.)	6																3	1		1	1					6	
82. Embolism and thrombosis	4	1				1					1		1			1										1	3
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	5	2				2		1										1		1						3	2
86. Other affections of the circulatory appa- ratus																											
Total of circulatory apparatus	117	3		1		4	2	1	3	1	6	3	4	7	8	6	18	16	10	13	11	2	2			62	55
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx	1	1				1																					1
89. Affections of the thyroid body	1													1													1
90. Bronchitis, acute	36	16	2	1		19									2	1	4	3	2	2	2		1			13	23
91. Bronchitis, chronic	11															1	2		3	3	1		1			3	8
92. Broncho-pneumonia	54	15	7	5	1	2	30	2		2	1	1	2	1		2	1	2	3	2		2	2	1		28	26
93. Pneumonia	114	14	5	7	3		29		1		2	3	8	9	8	4	8	6	8	9	6	5	5	3		57	57
94. Pleurisy	4											1		1				1			1					3	1
95. Pulmonary congestion and apoplexy . .	1												1														1
96. Gangrene of the lung																											
97. Asthma	3																	1	1		1						3
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory appa- ratus (phthisis excepted)	1																		1								1
Total respiratory apparatus	226	46	14	13	4	2	79	2	1	2	3	4	11	10	10	9	11	14	16	18	11	12	7	6		105	121
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx	1	1				1																					1
102. Affections of the esophagus																											
103. Ulcer of the stomach	7									2	1	1							2	1						4	3
104. Other affections of the stomach (cancer excepted)	2																	1		1							2
105. Diarrhœa and enteritis (under two years)	24	23	1			24																				14	10
105a. Diarrhœa and enteritis, chronic . . .	2																	1			1						2
106. Diarrhœa and enteritis (two years and over)																											
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions . . .	8	1				1	2						1		1	1		2								4	4
109. Other affections of the intestines . .																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	12						1						2	2	1	5		1								8	4
113. Biliary calculi																											
114. Other affections of the liver	6									1	1	1				2						1				2	4
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for January, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.																											
—Concluded.																											
116. Peritonitis, simple (puerperal excepted),	11	1				1				2			1	4				1		2						7	4
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1																			1						1	
118. Appendicitis and abscess of the iliac fossa	8						1	1	1		2		1					1	1							5	3
Total digestive apparatus	82	26	1			27	3	1	1	4	3	4	4	8	1	8		3	4	7	2	1	1			46	36
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	41	1		1		2	1		2	1	1	5	3	5	1	4	3	3	3	6	1					22	19
120. Bright's disease	16								1	1		1	1	2	2	1	1	3	2	1						8	8
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract	1																			1						1	
123. Diseases of the bladder																											
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	3																			1		1		1		3	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	2													1				1									2
130. Other diseases of the uterus	1													1													1
131. Cysts and other tumors of the ovary																											
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	64	1		1		2	1		3	2	1	6	5	8	3	5	4	7	7	7	2		1			34	30
VII. Puerperal State.																											
134. Accidents of pregnancy	1													1													1
135. Hemorrhage, puerperal																											
136. Other accidents of labor	3								1		1	1															3
137. Septicemia, puerperal	6										1	4	1														6
138. Albuminuria and puerperal eclampsia,																											
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	10								1	1	5	3															10
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene																											
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa																											
Total skin tissue																											
X. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1903.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion																												
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	2	2				2																				1	1	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	71	71				71																				36	35	
152. Other diseases appertaining to infancy,	5	4	1			5																				3	2	
153. Lack of care																												
Total early infancy	76	75	1			76																				39	37	
XII. Old Age.																												
154. Senile debility	36																		4	7	9	8	6	2	11	25		
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	4								1	1		1		1												3	1	
156. Suicide by asphyxia	1													1												1		
157. Suicide by hanging or strangulation																												
158. Suicide by submersion	3											1		1				1								3		
159. Suicide by firearms																												
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	4											1	1				1			1						3	1	
165a. Luxations																												
166. Other accidental traumatisms	27	1		1		2			1	3	5	1	4	4	2		3	2								24	3	
167. Burns and scalds	4		1		1	2	1						1													2	2	
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	2														1	1										2		
173a. Inanition	1		1			1																				1		
174. Absorption of deleterious gases (suicide excepted)	1													1												1		
175. Other acute poisonings																												
176. Other external violence	3	1				1											2									2	1	
Total affections, etc.	50	2	2	1	1	6	1		2	4	5	4	6	5	6	1	6	2	1		1					42	8	
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	9	1		1		2	1					2	1	1	1					1						4	5	
Total ill-defined diseases	9	1		1		2	1					2	1	1	1					1						4	5	
Total from all causes,	1037	190	37	26	12	10	275	19	9	16	31	51	54	62	69	54	47	66	53	68	59	50	31	18	5	533	504	

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF JANUARY, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle condemned,	5	.	.	.	.	.	2,085 lbs.
Calves	3	.	.	.	.	.	110 "
Sheep	—	.	.	.	.	.	— "
Hogs	—	.	.	.	.	.	— "

MEATS.

FISH.

FRUIT.

VEGETABLES.

Kale	.	.	.	.	.	.	.	1 barrel
Beans	.	.	.	.	.	.	.	17 crates
Turnips	.	.	.	.	.	.	.	1 barrel
Apples	.	.	.	.	.	.	.	7 "
Squash	.	.	.	.	.	.	.	1 "
Sweet Potatoes	.	.	.	.	.	.	.	2 "
Cranberries	.	.	.	.	.	.	.	10 "

DIPHTHERIA.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	. . . . .	76	444	15	8	76	—	619
Release	. . . . .	5	21	—	38	130	3	197
TOTALS		81	465	15	46	206	3	816
		Positive.		Negative.	Unsat.			
Tuberculosis	. . . . .	46		176	—			222
Typhoid	. . . . .	9		56	2			67
Glanders	. . . . .	2		4	5			11
Other Examinations	. . . . .	4		7	1			12
		GRAND TOTAL . . .						1,128

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of January, 1903, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.16	39	40	S.W.	.00	Mean Barometer, 29.92.
2	30.19	40	58	W.	.00	Highest Barometer, 30.65 on the 20th.
3	29.52	39	98	S.W.	.78	Lowest Barometer, 29.17 on the 8th.
4	29.60	38	64	W.	.60	Monthly Range of Barometer, 1.48.
5	29.78	36	58	W.	.00	Mean Temperature, 29.
6	29.54	32	94	S.	.38	Highest Temperature, 50 on the 1st.
7	29.46	27	84	W.	.02	Lowest Temperature, -1 on the 19th.
8	29.26	23	64	W.	.01	Monthly Range of Temperature, 51.
9	29.60	14	58	W.	.00	Greatest Daily Range of Temperature, 33 on the 18th.
10	30.01	20	52	S.W.	.00	Least Daily Range of Temperature, 4 on the 25th.
11	29.78	26	83	S.W.	.34	Mean Daily Range of Temperature, 14.5.
12	29.64	28	54	W.	.22	Mean Daily Dew-point, 20.
13	30.07	19	58	W.	.00	Mean Daily Relative Humidity, 69.
14	30.19	20	65	W.	.00	Prevailing Direction of Wind, W.
15	29.29	29	70	S.W.	.00	Total Movement of Wind, 9,280 miles.
16	29.90	36	64	S.W.	.00	Highest Velocity of Wind and Direction, 48 E.
17	29.56	41	67	S.W.	.00	Number of Foggy Days, 3.
18	29.96	20	49	W.	.00	Number of Fair Days, 4.
19	30.54	7	54	N.W.	.00	Number of Clear Days, 14.
20	30.57	20	64	S.	.00	Number of Cloudy Days, 13.
21	29.67	38	90	W.	1.14	Total Number of Days on which Rain or Snow fell, 10.
22	29.90	36	70	W.	.00	Depth of Unmelted Snow on ground at end of month, none.
23	30.04	24	60	W.	.00	Dates of Auroras, none.
24	30.47	11	62	N.W.	.00	Dates of Lunar Halos, none.
25	30.32	18	88	N.	.12	Dates of Solar Halos, none.
26	30.46	22	72	N.	*T	Dates of Frosts, none.
27	30.29	32	80	S.W.	.00	Thunder Storm, 30th.
28	30.00	42	96	S.W.	.02	Mean Maximum Temperature, 35.9.
29	29.94	34	100	N.E.	*T	Mean Minimum Temperature, 21.4.
30	29.42	38	76	W.	.40	
31	29.80	30	63	W.	.00	
TOTALS	—	—	—	—	3.43	
MEANS	29.92	28.5	69	W.	.110	
						MEAN TEMPERATURE for this month in
						Total Precipitation for this Month in Inches.
						1871 26
						1872 27
						1873 26
						1874 31
						1875 20
						1876 30
						1877 33
						1878 28
						1879 24
						1880 35
						1881 22
						1882 26
						1883 25
						1884 24
						1885 27
						1886 26
						1887 26
						1888 20
						1889 36
						1890 32
						1891 31
						1892 28
						1893 31
						1894 30
						1895 29
						1896 25
						1897 28
						1898 29
						1899 30
						1900 30
						1901 28
						1902 27
						1903 28

* T Indicates trace of precipitation.

Average mean temperature for 33 years, 28.

Average monthly precipitation for 33 years, 3.76.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of February, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of February, 1903	950
Population estimated at 594,246 for the month of February, 1903.	Rate per 1,000 inhabitants, 19.18

Total number 950

SEX.

Males 481

Females 469

CONDITION.

Single 436

Married 297

Widowed 202

Divorced 4

Unknown 11

COLOR.

White 919

Black (Negro or mixed) 30

Indian —

Chinese 1

Japanese —

Total deaths of children,	Under 1 year	172
	Under 2 years	204
	Under 5 years	239

Diarrhœal diseases,	Under 1 year	10
	Under 2 years	12
	Under 5 years	12
	All ages	13

NATIVITY.

United States 571

Ireland 195

England 25

Scotland 12

Germany 18

British America 60

Italy 23

Russia 14

Sweden 5

Other Countries 15

Unknown 12

PARENTAGE.

United States 228

Irish 315

English 21

Scotch 11

German 21

British American 41

Italian 43

Russian 31

Swedish 6

Other Countries 51

Mixed 51

One parent unknown 50

Unknown 81

Still-births during the month 51

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	3									2		1														3	
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola	2					1	1						1													2	
6. Measles	3	2	1				3																			1	2
7. Scarletina	6				2	1	3	2		1																2	4
8. Whooping cough	18	12	4	2			18																			8	10
9. Diphtheria and croup	1			1			1																			1	
9a. Diphtheria	13	2	1	1	3	2	9	2	1	1																8	5
10. Grippe	33	2	1		1		4					3	1	1	2	1	4	3	1	3	3	5	2			16	17
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	2																1		1							1	1
19. Other epidemic affections																											
20. Purulent infection and septicemia	7	2					2		2			1					1						1			6	1
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx	2		1				1									1										1	1
27. Tubercle of the lungs	103	2	1				3	4	1	7	10	14	13	18	4	10	6	4	2	4	2	1				55	48
28. Tubercle of the meninges	8	1	3	1		1	6						2													5	3
29. Tubercle, abdominal	1											1														1	
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	2									1	1																2
34. Tubercle, generalized	3	1	1				2				1															1	2
35. Scrofula																											
36. Syphilis																											
3. Tertiary																											
4. Hereditary	2	1					1	1																		2	
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	2																	1				1				2	
40. Cancer and other malignant tumors of the stomach and liver	15													1	1	2	5	2	3			1				6	9

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.— Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
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173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF FEBRUARY, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Feb., 1903.	Feb., 1902.	Feb., 1903.	Feb., 1902.		Feb., 1903.	Feb., 1902.	Feb., 1903.	Feb., 1902.
Cholera	—	—	—	—	Measles	54	662	—	—
Chicken-pox	29	114	—	—	Scarlatina	121	88	—	—
Cerebro-spinal Meningitis . .	3	12	—	—	Smallpox	20	148	—	3
Diphtheria and Croup . . .	123	196	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	33	30	—	—
Tuberculosis	74	67	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	.	2,245
Calves	"	.	.	.	.	.	.	819
Sheep	"	.	.	.	.	.	.	453
Hogs	"	.	.	.	.	.	.	587

Cattle condemned,	7	.	.	.	.	2,940 lbs.
Calves	66	—	.	.	.	— 66
Sheep	66	—	.	.	.	— 66
Hogs	66	—	.	.	.	— 66

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef (diseased)	.	.	.	.	.	.	447 lbs.
Beef Livers (tainted)	.	.	.	.	.	.	100 "
Bear Meat	"	.	.	.	.	.	250 "
Pork	"	.	.	.	.	.	175 "
Rabbits	"	.	.	.	.	.	19 prs.
Veal (immature)	.	.	.	.	.	.	2,049 lbs.

FISH.

Pickarel (tainted)	300 lbs.
--------------------	---	---	---	---	---	----------

VEGETABLES.

Baking Beans (decayed)	.	.	.	.	550 bushels.
Mixed	"	.	.	.	1 barrel.
Sweet Potatoes	"	.	.	.	1 "

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	48	322	5	12	50	—	437
Release	7	17	1	24	105	2	156
TOTALS	55	339	6	36	155	2	598
	Positive.		Negative.		Unsat.		
Tuberculosis	61		184		—		245
Typhoid	4		51		—		55
Glanders	3		4		—		7
Other Examinations	1		8		—		9
	GRAND TOTAL						909

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of February, 1903, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.11	30	69	E.	.00	Mean Barometer, 29.99.
2	29.97	37	89	S.E.	.16	Highest Barometer, 30.48 on the 20th.
3	30.00	43	62	W.	.01	Lowest Barometer, 29.04 on the 17th.
4	29.40	38	100	E.	.51	Monthly Range of Barometer, 1.44.
5	29.38	28	60	W.	.20	Mean Temperature, 31.4
6	30.00	30	49	N.W.	.00	Highest Temperature, 62 on the 28th.
7	30.27	26	62	N.W.	.00	Lowest Temperature, 3 on the 18th.
8	29.76	30	82	S.E.	.31	Monthly Range of Temperature, 59.
9	29.76	29	55	W.	.02	Greatest Daily Range of Temperature, 25 on the 8th.
10	30.14	34	62	W.	.00	Least Daily Range of Temperature, 6 on the 16th.
11	29.85	42	81	S.W.	.07	Mean Daily Range of Temperature, 14.2.
12	29.64	44	66	W.	.28	Mean Daily Dew-point, 21.4.
13	30.02	44	69	W.	.00	Mean Daily Relative Humidity, 67.7.
14	30.22	30	42	N.W.	.00	Prevailing Direction of Wind, W.
15	30.18	28	60	N.W.	.00	Total Movement of Wind, 9,177 miles.
16	29.58	28	95	N.	.58	Highest Velocity of Wind and Direction, 46 N.E. on the 17th.
17	29.34	20	80	W.	1.46	Number of Foggy Days, none. Number of Fair Days, 6.
18	29.92	8	74	S.W.	.00	Number of Clear Days, 11. Number of Cloudy Days, 11.
19	30.29	8	60	W.	.00	Total Number of Days on which Rain or Snow fell, 11.
20	30.39	16	64	W.	.00	Depth of Unmelted Snow on ground at end of month, *T.
21	30.14	26	72	S.W.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.23	28	70	W.	.00	Dates of Solar Halos, none. Dates of Frosts, none.
23	30.31	31	58	S.W.	.00	Thunder Storm, none.
24	30.18	34	73	W.	.00	Mean Maximum Temperature, 38.5. Mean Minimum Temperature, 24.4.
25	30.24	30	59	W.	.00	MEAN TEMPERATURE for this month in
26	30.34	36	42	W.	.00	Total Precipitation for this Month in Inches.
27	30.28	47	55	S.W.	.00	1871 29
28	29.56	54	84	S.W.	.30	1872 28
29						1873 27
30						1874 28
31						1875 22
						1876 27
						1877 32
						1878 29
						1879 24
						1880 32
						1881 28
						1882 30
						1883 29
						1884 31
						1885 20
						1886 27
						1887 29
						1888 28
						1889 26
						1890 33
						1891 32
						1892 28
						1893 27
						1894 27
						1895 25
						1896 29
						1897 31
						1898 33
						1899 27
						1900 29
						1901 24
						1902 29
						1903 31
TOTALS	—	—	—	—	3.90	
MEANS	29.99	31.4	67.7	W.	.139	

* T indicates trace of precipitation.

Average mean temperature for 33 years, 28.

Average monthly precipitation for 33 years, 3.46.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of March, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of March, 1903	995
Population estimated at 595,353 for the month of March, 1903.	Rate per 1,000 inhabitants, 20.05

Total number 995		NATIVITY.	
SEX.		United States	610
Males	526	Ireland	185
Females	469	England	23
CONDITION.		Scotland	12
Single	495	Germany	15
Married	310	British America	71
Widowed	180	Italy	19
Divorced	4	Russia	14
Unknown	6	Sweden	8
COLOR.		Other Countries	32
White	968	Unknown	6
Black (Negro or mixed)	25	PARENTAGE.	
Indian	—	United States	242
Chinese	2	Irish	294
Japanese	—	English	12
Total deaths of children, {		Scotch	14
Under 1 year		German	18
Under 2 years		British American	57
Under 5 years		Italian	52
Diarrhœal diseases, {		Russian	30
Under 1 year		Swedish	13
Under 2 years		Other Countries	76
Under 5 years		Mixed	59
All ages		One parent unknown	42
		Unknown	86
		Still-births during the month	51

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1903.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
		I. General Diseases.																									
1. Typhoid Fever	5									1		3						1								4	1
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola	1											1															1
6. Measles	4	2		1	1		4																			1	3
7. Scarletina	4		1	1			2	1		1																3	1
8. Whooping cough	20	12	5	3			20																			10	10
9. Diphtheria and croup	3	1				1	2										1									1	2
9a. Diphtheria	14	3	5			3	11	2		1																5	9
10. Grippe	26	1					1	1		1		3	3						2	2	6	3	2	2		12	14
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery	1														1												1
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	2																1		1							1	1
19. Other epidemic affections																											
20. Purulent infection and septicemia	5	1					1			1		2	1													2	3
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	114		1				1			9	16	16	17	12	14	10	9	3	6			1				66	48
28. Tubercle of the meninges	11	3	5	1	1		10	1																		8	3
29. Tubercle, abdominal	3									1			2													1	2
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs																											
34. Tubercle, generalized																											
35. Scrofula	1													1												1	
36. Syphilis																											
3. Tertiary	1										1																1
4. Hereditary	1	1					1																				1
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	8																3	1	4							4	4
40. Cancer and other malignant tumors of the stomach and liver	16												2	2			2	2	2	2	3		1			9	7

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																				SEX.						
	Total Mortality for March, 1903.																				Males.	Females.					
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.			75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	8															4		2		1	1				5	3	
42. Cancer and other malignant tumors of the genital organs of the female . . .	2																	2									
43. Cancer and other malignant tumors of the breast . . .	4													1						3						4	
44. Cancer and other malignant tumors of the skin . . .	1	1				1																				1	
45. Cancer and other malignant tumors of organs not specified . . .	8													2			1	1		2		1	1		3	5	
46. Other tumors (tumors of the female genital organs excepted) . . .	3									1							1				1					3	
47. Rheumatism, acute, articular . . .	6								1				1	2					2							4	2
48. Rheumatism, chronic, and gout. . .	3													1	1		1									2	1
49. Scorbutus . . .																											
50. Diabetes . . .	11	1				1		1			2		1	1	1	1	1	1	1		1					5	6
51. Goitre, exophthalmic . . .																											
52. Addison's disease . . .	1										1															1	
53. Leukemia . . .	3										1					1				1						2	1
54. Anemia, chlorosis . . .																											
55. Other general diseases . . .																											
56. Alcoholism, acute and chronic . . .	13										3	2	1	2	1	1		2		1						11	2
57. Saturnism . . .																											
58. Other trade intoxications . . .	1														1											1	
59. Other chronic poisonings . . .																											
Total general diseases . . .	304	26	17	6	2	4	55	5		13	20	21	29	22	28	16	24	9	24	7	17	7	4	3		161	143
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis . . .																											
61. Meningitis, simple . . .	22	12	1	3		1	17	1	1				1		1		1									13	9
61a. Meningitis, epidemic cerebrospinal . .	6	2		1	1	4					1		1													3	5
62. Locomotor ataxia, progressive . . .	1																			1						1	
63. Other diseases of the spinal cord . . .	2																			1	1					1	1
64. Cerebral congestion and hemorrhage . .	39	1		1		2			1	1			2	3	1	3	5	6	5	4	2	2	2	2	15	24	
65. Cerebral softening . . .	2													1							1					1	
66. Paralysis, without cause assigned . .	2															1						1				2	
67. General paralysis . . .	3																	2			1					3	
68. Other forms of mental alienation . . .																											
69. Epilepsy . . .	1										1															1	
70. Eclampsia (non-puerperal) . . .	2			1		1	1																			1	1
71. Convulsions of children . . .	9	7	2			9																				6	3
72. Tetanus . . .																											
73. Chorea . . .																											
74. Hysteria . . .																											
74b. Other affections of the nervous system .	10		1			1	1					3			1		1	1	1		1					4	6
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear . . .	1										1															1	
Total of the nervous system, etc.,	100	22	4	6	1	1	34	3	1	1	1		6	3	5	3	4	9	7	6	6	6	3	2		45	55
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis . . .																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1903.	AGE.																				SEX.					
		Under 1 year.	AGE.																			Males.	Females.				
			1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.			75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	9									1	1	2				1	1		1	1			1			5	4
79. Organic diseases of the heart	79	1		1	1	3	1		1	1	4		4	4	7	7	10	10	7	9	4	5		2		42	37
80. Angina pectoris	2																		1	1						2	
81. Affections of the arteries (atheroma, aneurism, etc.)	11								1				1		1	1	1		4		1		1			6	5
82. Embolism and thrombosis	5												1	1				1	2							2	3
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages																											
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	106	1		1	1	3	1		2	2	5	3	6	4	8	9	13	10	15	11	5	5	2	2		57	49
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	34	13	3	1	1	18									2	1		1	4	2	2	3	1			15	19
91. Bronchitis, chronic	5												1			1	1	1	1							1	4
92. Broncho-pneumonia	67	16	5	4	3	1	29	1	2	2	1	2	2	5	4	2	1	5	1	4	1	3	2			35	32
93. Pneumonia	90	15	6	3	3	27		1	3	5	4	5	4	7	4	8	6	3	3	1	4	4		1		53	37
94. Pleurisy																											
95. Pulmonary congestion and apoplexy	6	1				1					1	1								1	2					2	4
96. Gangrene of the lung	1										1																1
97. Asthma																											
98. Emphysema, pulmonary	1		1			1																					1
99. Other diseases of the respiratory apparatus (phthisis excepted)	1													1													1
Total respiratory apparatus	205	45	15	8	7	1	76	1	3	5	6	8	8	10	12	8	11	12	6	12	5	11	9	1	1	109	96
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	2										1									1							2
104. Other affections of the stomach (cancer excepted)	2		1			1					1															1	1
105. Diarrhœa and enteritis (under two years)	14	14				14																					7
105a. Diarrhœa and enteritis, chronic	3																		1		1	1				1	2
106. Diarrhœa and enteritis (two years and over)																											
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	7	1				1									1		1		4							4	3
109. Other affections of the intestines	1												1														1
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	8														1	2	3		2							6	2
113. Biliary calculi	3													1							1	1				2	1
114. Other affections of the liver	2									1				1													1
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for March, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.																											
—Concluded.																											
116. Peritonitis, simple (puerperal excepted),	10						1		4	1			1	1	1		1									6	4
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the iliac fossa	3					1	1		1		1															1	2
Total digestive apparatus	55	15	1			1	17	1		6	3	1	1	3	2	4	3	2	2	5	2	2	1			31	24
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	46		1		1	2		1	2	2	3	1	5		4	3	3	5	7	2	3	1	1	1		31	15
120. Bright's disease	14										1	1		2	1	3	1	3		1	1					7	7
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	2											1									1						2
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	1																			1							1
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	1																			1							1
130. Other diseases of the uterus	1												1														1
131. Cysts and other tumors of the ovary	2									1				1													2
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	67		1		1	2		1	2	3	4	3	6	3	5	6	4	8	7	4	6	1	1	1		39	28
VII. Puerperal State.																											
134. Accidents of pregnancy	1											1															1
135. Hemorrhage, puerperal	1											1															1
136. Other accidents of labor																											
137. Septicemia, puerperal	2										1	1															2
138. Albuminuria and puerperal eclampsia,	1										1																1
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	5										2	3															5
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	1																				1						1
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145. Other diseases of the skin and its adnexa																											
Total skin tissue	1																					1					1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)	2		1			1		1																		1	1
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1903.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
X. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF MARCH, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	March, 1903.	March, 1902.	March, 1903.	March, 1902.		March, 1903.	March, 1902.	March, 1903.	March, 1902.
Cholera	—	—	—	—	Measles	107	833	—	1
Chicken-pox	26	70	—	—	Scarlatina	158	75	—	—
Cerebro-spinal Meningitis . .	5	15	—	—	Smallpox	7	84	—	—
Diphtheria and Croup . . .	117	172	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	40	34	—	—
Tuberculosis	110	102	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	2,634
Calves	"	.	.	.	.	.	964
Sheep	"	.	.	.	.	.	89
Hogs	"	.	.	.	.	.	708
Cattle condemned,	5	.	.	.	.	.	1,620 lbs.
Calves	" 14	.	.	.	.	.	508 "
Sheep	" —	.	.	.	.	.	— "
Hogs	" —	.	.	.	.	.	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef (diseased)	.	.	.	.	.	300 lbs.
Lamb (tainted)	.	.	.	.	.	20 "
Pork "	.	.	.	.	.	35 "
Poultry "	.	.	.	.	.	200 "
Rabbits "	.	.	.	.	.	20 prs.
Veal (immature)	.	.	.	.	.	2,795 lbs.

FISH.

Carp (tainted)	.	.	.	.	.	.	1,200 lbs.
Perch "	75 "
Pickarel "	75 "
Lobsters "	85 "
Oysters "	150 gal.

FRUIT.

Grape Fruit (decayed)	1 bbl.
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VEGETABLES.

Kale (decayed)	172 bbls.
Spinach "	1,565 "

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	46	347	7	6	37	—	443
Release	5	19	1	18	101	—	144
TOTALS	51	366	8	24	138	—	587
	Positive.		Negative.		Unsat.		
Tuberculosis	84		256		—		340
Typhoid	2		52		—		54
Glanders	6		4		6		16
Other Examinations	2		6		—		8
	GRAND TOTAL . . .						1,005

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of March, 1903, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.	
1	29.96	36	67	W.	.00	Mean Barometer, 30.23.	
2	30.42	32	71	W.	.00	Highest Barometer, 30.69 on the 3d.	
3	30.67	32	80	N.E.	* T	Lowest Barometer, 29.48 on the 31st.	
4	30.42	42	70	S.	.00	Monthly Range of Barometer, 1.21.	
5	30.17	41	82	S.E.	.16	Mean Temperature, 44.4	
6	30.39	42	69	N.W.	.02	Highest Temperature, 76 on the 20th.	
7	30.58	40	82	S.E.	.00	Lowest Temperature, 23 on the 2d.	
8	30.24	46	92	S.	.42	Monthly Range of Temperature, 53.	
9	30.44	46	98	N.E.	1.03	Greatest Daily Range of Temperature, 33 on the 20th.	
10	30.48	39	97	N.	.12	Least Daily Range of Temperature, 4 on the 16th.	
11	30.22	47	92	S.W.	.47	Mean Daily Range of Temperature, 16.1.	
12	30.28	44	80	E.	.00	Mean Daily Dew-point, 37.0.	
13	30.20	50	83	W.	.00	Mean Daily Relative Humidity, 80.8.	
14	30.18	50	76	S.W.	.00	Prevailing Direction of Wind, S.W.	
15	30.40	44	76	N.E.	.00	Total Movement of Wind, 7,968 miles.	
16	30.51	37	90	E.	* T	Highest Velocity of Wind and Direction, 34 W.	
17	30.21	48	84	S.W.	.00	Number of Foggy Days, 2. Number of Fair Days, 4.	
18	30.48	42	88	N.E.	.00	Number of Clear Days, 11. Number of Cloudy Days, 16.	
19	30.31	56	74	S.W.	.00	Total Number of Days on which Rain or Snow fell, 14.	
20	30.13	60	82	S.W.	.00	Depth of Unmelted Snow on ground at end of month, .00	
21	30.12	50	95	N.E.	.33	Dates of Auroras, none. Dates of Lunar Halos, none.	
22	30.21	52	94	N.	.49	Dates of Solar Halos, none. Dates of Frosts, none.	
23	30.10	46	98	N.E.	1.22	Thunder Storm, none.	
24	29.94	48	98	E.	.12	Mean Maximum Temperature, 52.5. Mean Minimum Temperature, 36.4.	
25	29.86	44	66	W.	* T	MEAN TEMPERATURE for this month in	
26	30.04	44	49	W.	.00	Total Precipitation for this Month in Inches.	
27	29.98	55	52	W.	.00	1871 42	
28	30.10	35	91	E.	.08	1872 27	
29	30.52	35	70	W.	.08	1873 35	
30	30.24	38	75	E.	.04	1874 35	
31	29.54	47	84	N.	1.47	1875 31	
TOTALS	—	—	—	—	5.95	1876 33	
MEANS	30.23	44.4	80.8	S.W.	.192	1877 34	
						1878 39	
						1879 33	
						1880 33	
						1881 36	
						1882 35	
						1883 31	
						1884 34	
						1885 28	
						1886 34	
						1887 32	
						1888 32	
						1889 38	
						1890 35	
						1891 34	
						1892 33	
						1893 34	
						1894 42	
						1895 35	
						1896 32	
						1897 37	
						1898 43	
						1899 34	
						1900 34	
						1901 36	
						1902 43	
						1903 44	

* T indicates trace of precipitation.

Average mean temperature for 33 years, 35.1.

Average monthly precipitation for 33 years, 4.27.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of April, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of April, 1903	969
Population estimated at 596,462 for the month of April, 1903.	Rate per 1,000 inhabitants, 19.49

Total number 969

SEX.

Males	501
Females	468

CONDITION.

Single	479
Married	310
Widowed	171
Divorced	2
Unknown	7

COLOR.

White	950
Black (Negro or mixed)	19
Indian	—
Chinese	—
Japanese	—

Total deaths of children,	Under 1 year	172
	Under 2 years	221
	Under 5 years	262

Diarrhœal diseases,	Under 1 year	17
	Under 2 years	18
	Under 5 years	19
	All ages	22

NATIVITY.

United States	596
Ireland	170
England	34
Scotland	8
Germany	20
British America	74
Italy	15
Russia	12
Sweden	6
Other Countries	17
Unknown	17

PARENTAGE.

United States	236
Irish	300
English	32
Scotch	13
German	25
British American	44
Italian	39
Russian	25
Swedish	9
Other Countries	52
Mixed	66
One parent unknown	52
Unknown	76
Still-births during the month	53

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		Total Mortality for April, 1913.	AGE.																								SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1. General Diseases.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																				SEX.						
	Total Mortality for April, 1903.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	6												1	1	1				1	2						1	5
42. Cancer and other malignant tumors of the genital organs of the female	7											1	1		1			1	2	1							
43. Cancer and other malignant tumors of the breast	4														1		1	2									4
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	7											1	1			2		1		1		1				2	5
46. Other tumors (tumors of the female genital organs excepted)	5										1			1	1		1		1							2	3
47. Rheumatism, acute, articular	3															2					1					3	
48. Rheumatism, chronic, and gout.	1																				1					1	
49. Scorbatus	1	1					1																				1
50. Diabetes	8									1				1	1				2	1	2					2	6
51. Goitre, exophthalmic	2									1						1											2
52. Addison's disease	1																1									1	
53. Leukemia	1									1																1	
54. Anemia, chlorosis	3	1					1								1			1								2	1
55. Other general diseases																											
56. Alcoholism, acute and chronic	10											2	3	1	1		2		1							8	2
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	285	27	20	9	6	2	64	12	2	9	17	20	31	17	15	24	14	12	16	12	12	6	1		1	142	143
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	26	8	2	5	2		17	2	1	2	2	1	1													12	14
61a. Meningitis, epidemic cerebrospinal	4								1	1	1							1								4	
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord																											
64. Cerebral congestion and hemorrhage	37					1	1						1	1		1	1	9	5	4	5	3		3		21	16
65. Cerebral softening	2												1							1						1	
66. Paralysis, without cause assigned	6													1	1	1		1		1		1			2	4	
67. General paralysis	5													1	1			1	1	1					3	2	
68. Other forms of mental alienation	5											1					1	2			1				4	1	
69. Epilepsy																											
70. Eclampsia (non-puerperal)	1																	1							1		
71. Convulsions of children	7	6	1				7																			6	1
72. Tetanus																											
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	4															1		1	2							2	2
75. Diseases of the eye and appendages																											
76. Diseases of the ear	1	1					1																			1	
Total of the nervous system, etc.,	98	14	4	5	2	1	26	2	2	3	3	2	1	4	2	6	3	12	12	6	6	4	1	3		57	41
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	1	1					1																				

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1903.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	4						1							1				1				1				2	2
79. Organic diseases of the heart	85	1				1	2		3	2	1	2	3	5	7	8	9	8	11	7	10		2	4		47	38
80. Angina pectoris	1																		1							1	
81. Affections of the arteries (atheroma, aneurism, etc.)	18										1		1	2		1	3	1	2		1	1				8	5
82. Embolism and thrombosis	1										1															1	
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages																											
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	105	1	1			2	3		3	2	3	2	4	8	7	9	12	10	14	7	12		3	4		59	46
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	18	6	3			1	10									1	1	1		1	1	1	2			6	12
91. Bronchitis, chronic	7											1					1		1	2	1		1			2	5
92. Broncho-pneumonia	47	13	9	3	2		27			2		1		1	2	3	1	1	3	2			3	1		23	21
93. Pneumonia	88	16	6	3	1		26	1	1	1	3	5	6	4	4	5	4	6	4	4	6	1	2			51	37
94. Pleurisy	3			1	1		2												1							2	1
95. Pulmonary congestion and apoplexy . .																											
96. Gangrene of the lung																											
97. Asthma	1																			1							1
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	164	35	18	7	4	1	65	1	1	1	5	3	8	4	5	6	12	7	8	9	10	8	5	6		84	80
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	3														1				1				1			2	1
104. Other affections of the stomach (cancer excepted)	4	1					1										2	1									4
105. Diarrhœa and enteritis (under two years)	18	17	1				18																			9	9
105a. Diarrhœa and enteritis, chronic . . .	3													1					1				1				3
106. Diarrhœa and enteritis (two years and over)	1			1			1																			1	
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	11	3	1				4		1	1				1				1		1	1	1	1			4	7
109. Other affections of the intestines . .																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	7					1	1							1	1		1	1	1		1					5	2
113. Biliary calculi	1																	1									1
114. Other affections of the liver	8												1	1		1	1	1		1	1	1				2	6
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1903.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	1	1				1																						
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	6	5	1			6																				4	2	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	54	51	3			54																				30	24	
152. Other diseases appertaining to infancy,	11	11				11																				8	3	
153. Lack of care																												
Total early infancy	65	62	3			65																				38	27	
XII. Old Age.																												
154. Senile debility	27																	2	3	2	4	7	6	3		9	18	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	5										3	1		1												3	2	
156. Suicide by asphyxia																												
157. Suicide by hanging or strangulation	2											1		1												1	1	
158. Suicide by submersion	1										1															1		
159. Suicide by firearms	1														1											1		
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	7									1	2	3		1												6	1	
165a. Luxations																												
166. Other accidental traumatisms	19		1			1	2			1	4	1	4		2	1	2				1					18	1	
167. Burns and scalds	7		1			1	1			1	1	1		1	1											1	6	
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	2										1	1														2		
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)																												
175. Other acute poisonings	2													1	1											1	1	
176. Other external violence	5	3				3				1				1												2	3	
Total affections, etc.	51	3	2			5	3			3	7	8	9	4	1	5	3	2			1					36	15	
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	12	3				3			1					1	1	1	1	2		1		1				5	7	
Total ill-defined diseases	12	3				3			1					1	1	1	1	2		1		1				5	7	
Total from all causes,	969	172	49	24	12	5	262	27	11	18	38	46	61	45	49	53	54	55	59	52	51	39	24	21	4	501	468	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF APRIL, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	April, 1903.	April, 1902.	April, 1903.	April, 1902.		April, 1903.	April, 1902.	April, 1903.	April, 1902.
Cholera	—	—	—	—	Measles	138	645	2	—
Chicken-pox	37	54	1	—	Scarlatina	132	54	1	—
Cerebro-spinal Meningitis . .	4	10	—	—	Smallpox	—	109	—	—
Diphtheria and Croup . . .	135	167	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	44	46	—	—
Tuberculosis	99	87	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	2,244
Calves	"	.	.	.	.	.	1,235
Sheep	"	.	.	.	.	.	51
Hogs	"	.	.	.	.	.	820

Cattle condemned,	6	.	.	.	.	2,680 lbs.
Calves	30	.	.	.	.	1,041 "
Sheep	—	.	.	.	.	— "
Hogs	1	.	.	.	.	170 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef (tainted)	900 lbs.
Lamb "	95 "
Pork "	100 "
Veal (immature)	3,447 lbs.

FISH.

Lobsters (tainted)	100 lbs.
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VEGETABLES.

Cranberries	5 bbls.
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BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		45	257	5	7	51	1	366
Release		3	20	1	30	91	—	145
TOTALS		48	277	6	37	142	1	511
		Positive.		Negative.		Unsat.		
Tuberculosis		76		247		—		323
Typhoid		7		57		2		66
Glanders		8		—		2		10
Other Examinations		2		13		—		15
		GRAND TOTAL . . .						925

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of April, 1903, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.	
1	29.33	48	61	N.W.	.00	Mean Barometer, 29.89.	
2	30.14	46	78	S.	.00	Highest Barometer, 30.51 on the 6th.	
3	29.56	57	86	S.W.	.18	Lowest Barometer, 29.43 on the 4th.	
4	29.56	44	78	S.W.	.29	Monthly Range of Barometer, 1.08.	
5	30.22	32	58	N.W.	*T	Mean Temperature, 47.8	
6	30.46	35	54	S.	.00	Highest Temperature, 83 on the 29th.	
7	30.06	45	88	S.W.	.21	Lowest Temperature, 26 on the 6th.	
8	29.82	49	92	S.W.	1.01	Monthly Range of Temperature, 57.	
9	29.84	54	53	N.W.	.26	Greatest Daily Range of Temperature, 31 on the 4th.	
10	29.96	50	66	N.W.	.23	Least Daily Range of Temperature, 3 on the 15th.	
11	30.10	48	52	N.W.	.00	Mean Daily Range of Temperature, 15.5.	
12	29.91	49	64	N.W.	.00	Mean Daily Dew-point, 35.3.	
13	29.96	42	74	E.	*T	Mean Daily Relative Humidity, 64.8.	
14	29.96	41	90	N.E.	*T	Prevailing Direction of Wind, N.W.	
15	29.76	40	98	N.E.	2.05	Total Movement of Wind, 8,997 miles.	
16	29.66	38	91	N.E.	.13	Highest Velocity of Wind and Direction, 40 N.E.	
17	29.62	41	78	N.	.07	Number of Foggy Days, none.	Number of Fair Days, 6.
18	29.62	46	49	W.	.00	Number of Clear Days, 15.	Number of Cloudy Days, 9.
19	29.70	46	43	W.	.00	Total Number of Days on which Rain or Snow fell, 9.	
20	29.68	52	34	W.	.00	Depth of Unmelted Snow on ground at end of month, none.	
21	29.70	46	44	N.W.	.00	Dates of Auroras, none.	Dates of Lunar Halos, none.
22	29.80	44	52	N.W.	.00	Dates of Solar Halos, none.	Dates of Frosts, none.
23	29.91	52	46	W.	.00	Thunder Storm, none.	
24	29.92	50	60	N.E.	*T	Mean Maximum Temperature, 55.6.	Mean Minimum Temperature, 40.1.
25	30.00	54	60	N.W.	.00	MEAN TEMPERATURE for this month in	
26	30.11	45	70	E.	.00	Total Precipitation for this Month in Inches	
27	30.17	46	84	N.	.00	1871 47	1871 3.79
28	30.16	54	48	S.E.	.00	1872 45	1872 1.31
29	30.01	69	40	W.	.00	1873 47	1873 3.83
30	29.89	72	53	S.	.00	1874 39	1874 7.97
31						1875 42	1875 4.92
TOTALS	—	—	—	—	4.43	1876 43	1876 3.61
MEANS	29.89	47.8	64.8	N.W.	.148	1877 44	1877 4.19
						1878 47	1878 6.14
						1879 42	1879 6.58
						1880 46	1880 2.85
						1881 43	1881 1.66
						1882 42	1882 2.50
						1883 44	1883 2.83
						1884 43	1884 4.76
						1885 46	1885 3.30
						1886 48	1886 1.70
						1887 44	1887 2.62
						1888 42	1888 2.04
						1889 48	1889 3.07
						1890 46	1890 2.29
						1891 48	1891 1.71
						1892 48	1892 0.93
						1893 44	1893 3.13
						1894 47	1894 3.78
						1895 46	1895 3.65
						1896 47	1896 1.56
						1897 49	1897 3.17
						1898 44	1898 6.30
						1899 45	1899 1.29
						1900 40	1900 1.90
						1901 44	1901 7.43
						1902 48	1902 2.87
						1903 48	1903 4.43

* T indicates trace of precipitation.

Average mean temperature for 33 years, 45.

Average monthly precipitation for 33 years, 3.46.

HEALTH DEPARTMENT OF THE CITY OF BOSTON



Statement of Deaths for the month of May, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of May, 1903	861
Population estimated at 597,573 for the month of May, 1903.	Rate per 1,000 inhabitants, 17.29

Total number 861

SEX.

Males 430
Females 431

CONDITION.

Single 442
Married 263
Widowed 149
Divorced 3
Unknown 4

COLOR.

White 843
Black (Negro or mixed) 17
Indian —
Chinese 1
Japanese —

Total deaths of children, { Under 1 year 152
Under 2 years 188
Under 5 years 233

Diarrhœal diseases, { Under 1 year 29
Under 2 years 30
Under 5 years 31
All ages 36

NATIVITY.

United States 558
Ireland 148
England 22
Scotland 7
Germany 12
British America 50
Italy 17
Russia 14
Sweden 10
Other Countries 14
Unknown 9

PARENTAGE.

United States 204
Irish 244
English 17
Scotch 7
German 16
British American 38
Italian 47
Russian 18
Swedish 10
Other Countries 60
Mixed 65
One parent unknown 64
Unknown 71
Still-births during the month 61

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1903.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
		I. General Diseases.																									
1. Typhoid Fever	10						1		1	3	1	3	1													6	4
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	4	1	2	1			4																			2	2
7. Scarlatina	10		1	1	3	2	7	2				1														8	2
8. Whooping cough	13	9	3	1			13																			5	8
9. Diphtheria and croup	2				1	1	2			1																1	1
9a. Diphtheria	20	2	2	2	3	4	13	4	2	1																11	9
10. Grippe	4																		1	2		1				3	1
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery	2	1					1			1																2	
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	1	1					1																				1
19. Other epidemic affections																											
20. Purulent infection and septicemia	5		1	1		2				1				1		1										2	3
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx	2											1								1						1	1
27. Tubercle of the lungs	121	3		1	1		5	2	2	15	23	18	7	19	6	9	3	9		1	1	1				64	57
28. Tubercle of the meninges	14	4	2	3		1	10	2				2														10	4
29. Tubercle, abdominal	4		1	1			2		1	1																2	2
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings).																											
33. Tubercle of other organs	1															1										1	
34. Tubercle, generalized	1									1																1	
35. Scrofula																											
36. Syphilis																											
3. Tertiary																											
4. Hereditary																											
37. Biennorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	3															1			2							3	
40. Cancer and other malignant tumors of the stomach and liver	18													1	2	2		2	1	4	1					6	7

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum .	6													1	1	1			1		1	1				3	3
42. Cancer and other malignant tumors of the genital organs of the female . .	8													2	1	1		2		2							
43. Cancer and other malignant tumors of the breast																											
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	7													1	1				2	1		2				3	4
46. Other tumors (tumors of the female genital organs excepted)	3													1			2									1	2
47. Rheumatism, acute, articular																											
48. Rheumatism, chronic, and gout. . . .	2								1										1							1	1
49. Scorbutus																											
50. Diabetes																											
51. Goitre, exophthalmic																											
52. Addison's disease	1													1													1
53. Leukemia																											
54. Anemia, chlorosis	3								1								1	1									3
55. Other general diseases																											
56. Alcoholism, acute and chronic	13								1		3	3	2		2	1				1						12	1
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	273	21	12	10	9	8	60	11	6	18	31	21	14	28	12	15	13	14	5	9	9	5	2			146	127
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	15	6	2	2		10	1	1	2				1													10	5
61a. Meningitis, epidemic cerebrospinal . .	3	1				1							1			1										1	2
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord . . .	4										2								1	1							4
64. Cerebral congestion and hemorrhage . .	28						1						1	2	1	1	4	5	7	2	4				15	13	
65. Cerebral softening	1																1										
66. Paralysis, without cause assigned . . .	2																1	1									2
67. General paralysis	4												1						1	1	1					2	2
68. Other forms of mental alienation . . .																											
69. Epilepsy	2								1								1										2
70. Eclampsia (non-puerperal)	2							1	1																	1	1
71. Convulsions of children	5	2	3			5																				4	1
72. Tetanus																											
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system .	4			1		1										1		1		1						4	
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear	4	2	2			4																				2	2
Total of the nervous system, etc.,	74	11	7	2	1	21	2	2	3	1	2	1	3	2	2	3	7	8	9	4	4					30	35
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	3								1				1		1												3

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	4							1			2									1						2	2
79. Organic diseases of the heart	71	1	1			2	1	1	2	2	3	5	5	3	5	10	6	13	7	4	2					37	34
80. Angina pectoris	8															1		1					1			3	
81. Affections of the arteries (atheroma, aneurism, etc.)	6	1				1										1	1		1		1	1			3	3	
82. Embolism and thrombosis	6										1	1	2	1				1								1	5
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	3										2		1														3
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	96	2	1			3	3	1	2	2	6	9	7	6	5	12	7	15	9	4	3	2			49	47	
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	12	4			1	5	1					1	1		1	1	1	1								7	5
91. Bronchitis, chronic	5									1			1				1	1			1					2	3
92. Broncho-pneumonia	46	15	10	2		27	2	1			1			2		7		3	2	1						28	18
93. Pneumonia	70	9	3	2		14		1	1	1	1	7	7	5	6	5	4	6	3	6	1	1	1			29	41
94. Pleurisy	2															1		1								1	1
95. Pulmonary congestion and apoplexy	3	2				2				1																1	2
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	138	30	13	4		1	48	2	3	1	1	3	8	8	7	8	7	12	8	9	8	2	1	2		68	70
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	1																	1									1
104. Other affections of the stomach (cancer excepted)	7	1		1		2	1			1			1			1			1							3	4
105. Diarrhœa and enteritis (under two years)	29	28	1			29																				12	17
105a. Diarrhœa and enteritis, chronic	4															1		1		1		1					4
106. Diarrhœa and enteritis (two years and over)	1					1	1																				1
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	8	1				1	2	1		1	1						3									7	1
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	4												1		2		1									2	2
113. Biliary calculi	1																1										1
114. Other affections of the liver	4										1				2			1								1	3
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,000. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF MAY, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	May, 1903.	May, 1902.	May, 1903.	May, 1902.		May, 1903.	May, 1902.	May, 1903.	May, 1902.
Cholera	—	—	—	—	Measles	173	581	8	—
Chicken-pox	49	63	—	—	Scarlatina	150	91	—	—
Cerebro-spinal Meningitis . .	3	11	—	—	Smallpox	—	128	1	—
Diphtheria and Croup . . .	155	143	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	78	39	—	—
Tuberculosis	95	96	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	.	2,977
Calves	"	.	.	.	.	.	.	1,458
Sheep	"	.	.	.	.	.	.	56
Hogs	"	.	.	.	.	.	.	549

Cattle condemned,	10	.	.	.	.	.	4,315 lbs.
Calves	30	.	.	.	.	.	947 "
Sheep	—	.	.	.	.	.	— "
Hogs	1	.	.	.	.	.	180 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef (tainted)	.	.	.	.	.	500 lbs.
Poultry "	.	.	.	.	.	80 "
Veal (immature)	.	.	.	.	.	2,062 lbs.

FISH.

Blue Fish (tainted)	.	.	.	.	.	75 lbs.
Mackerel	"	.	.	.	.	80 "
Lobsters (decayed)	.	.	.	.	.	100 "

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		40	325	12	7	41	1	426
Release		—	18	1	16	82	2	119
TOTALS		40	343	13	23	123	3	545
		Positive.		Negative.		Unsat.		
Tuberculosis		71		238		—		309
Typhoid		4		81		1		86
Glanders		4		7		5		16
Other Examinations		—		11		2		13
GRAND TOTAL								969

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

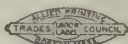
For the month of May, 1903, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.12	51	43	N.W.	.00	Mean Barometer, 30.14.
2	30.53	39	60	S.E.	.00	Highest Barometer, 30.56 on the 2d.
3	30.34	42	81	E.	.00	Lowest Barometer, 29.78 on the 22d.
4	30.18	47	96	E.	.08	Monthly Range of Barometer, .78.
5	30.20	52	90	N.E.	.05	Mean Temperature, 59.
6	30.13	50	88	N.E.	.06	Highest Temperature, 88 on the 19th.
7	30.05	50	83	E.	.00	Lowest Temperature, 34 on the 2d.
8	30.12	56	68	W.	.00	Monthly Range of Temperature, 54.
9	30.26	54	69	E.	.00	Greatest Daily Range of Temperature, 35 on the 17th.
10	30.30	60	61	S.E.	.00	Least Daily Range of Temperature, 5 on the 6th.
11	30.34	58	42	S.W.	.00	Mean Daily Range of Temperature, 18.
12	30.38	60	58	S.W.	.00	Mean Daily Dew-point, 46.
13	30.26	60	71	S.W.	.00	Mean Daily Relative Humidity, 65.
14	30.02	59	79	E.	*T	Prevailing Direction of Wind, S.W.
15	29.94	58	70	S.E.	.11	Total Movement of Wind, 7,230 miles.
16	30.25	53	80	E.	.00	Highest Velocity of Wind and Direction, 30 N.W. on the 1st.
17	30.14	66	56	S.W.	.00	Number of Foggy Days, none. Number of Fair Days, 8.
18	29.98	74	62	W.	.00	Number of Clear Days, 18. Number of Cloudy Days, 15.
19	29.90	76	62	S.W.	.01	Total Number of Days on which Rain or Snow fell, 6.
20	29.89	70	59	W.	*T	Depth of Unmelted Snow on ground at end of month, none.
21	29.93	75	46	S.W.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.80	72	54	N.W.	.00	Dates of Solar Halos, none. Dates of Frosts, 2d.
23	30.03	58	42	N.W.	.00	Thunder Storm, 14, 19.
24	30.18	52	52	S.E.	.00	Mean Maximum Temperature, 67.5. Mean Minimum Temperature, 49.5.
25	30.31	52	58	S.W.	.00	MEAN TEMPERATURE for this month in
26	30.38	58	50	S.	.00	Total Precipitation for this Month in Inches
27	30.23	62	74	S.W.	.00	1871 58 1871 4.54
28	30.07	68	80	S.W.	.06	1872 58 1872 3.29
29	30.12	70	46	W.	*T	1873 58 1873 5.16
30	30.11	58	70	N.E.	.00	1874 57 1874 3.70
31	30.26	52	62	S.E.	.00	1875 58 1875 3.76
TOTALS	—	—	—	—	0.32	1876 54 1876 2.70
MEANS	30.14	59	65	S.W.	.01	1877 55 1877 3.38
						1878 56 1878 1.02
						1879 60 1879 0.97
						1880 63 1880 1.67
						1881 55 1881 4.16
						1882 49 1882 6.05
						1883 56 1883 5.11
						1884 54 1884 3.31
						1885 52 1885 4.26
						1886 56 1886 3.08
						1887 59 1887 1.67
						1888 52 1888 5.20
						1889 60 1889 4.15
						1890 57 1890 4.48
						1891 56 1891 1.56
						1892 56 1892 5.15
						1893 56 1893 5.23
						1894 58 1894 4.12
						1895 60 1895 2.71
						1896 60 1896 1.68
						1897 58 1897 4.00
						1898 56 1898 4.33
						1899 58 189981
						1900 55 1900 5.07
						1901 54 1901 6.31
						1902 58 1902 1.07
						1903 59 1903 0.32

* T indicates trace of precipitation.

Average mean temperature for 33 years, 56.

Average monthly precipitation for 33 years, 3.46.



HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of June, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of June, 1903	685
Population estimated at 598,686 for the month of June, 1903.	Rate per 1,000 inhabitants, 13.73

Total number 685		NATIVITY.	
SEX.		United States	428
Males	337	Ireland	125
Females	348	England	12
CONDITION.		Scotland	6
Single	324	Germany	16
Married	241	British America	42
Widowed	109	Italy	11
Divorced	2	Russia	12
Unknown	9	Sweden	1
COLOR.		Other Countries	14
White	669	Unknown	15
Black (Negro or mixed)	14	PARENTAGE.	
Indian	—	United States	149
Chinese	2	Irish	202
Japanese	—	English	11
Total deaths of children,		Scotch	7
Under 1 year	122	German	20
Under 2 years	142	British American	36
Under 5 years	177	Italian	28
Diarrhœal diseases,		Russian	22
Under 1 year	15	Swedish	9
Under 2 years	17	Other Countries	57
Under 5 years	18	Mixed	55
All ages	19	One parent unknown	30
		Unknown	59
		Still-births during the month	60

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1923.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	5										2	1		2												2	3
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	5	1	3	1			5																			1	4
7. Scarlatina	6				2	1	3	3																		4	2
8. Whooping cough	6	5		1			6																			1	5
9. Diphtheria and croup	3			1	1		2	1																			3
9a. Diphtheria	7		1				1	6																		4	3
10. Grippe	1																			1							1
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery	1																1										1
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	4	1					1				1					1						1				3	1
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	5							1			1			1		1	1	1								3	2
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	85	1					1	1	2	4	12	16	12	11	7	8	7	2			1	1				45	40
28. Tubercle of the meninges	14	4	4	2	2		12	1			1															3	11
29. Tubercle, abdominal	3								1		1	1														2	1
30. Pott's disease	4			1			1	1	1	1																3	1
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings). . . .																											
33. Tubercle of other organs																											
34. Tubercle, generalized	2			1			1	1																		1	1
35. Scrofula																											
36. Syphilis																											
3. Tertiary	2													1	1											1	1
4. Hereditary																											
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child . .																											
39. Cancer and other malignant tumors of the buccal cavity	2																	1		2						1	1
40. Cancer and other malignant tumors of the stomach and liver	6																1	1	2		1	1				3	3

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78. Endocarditis, acute	4										1	1								2						2	2
79. Organic diseases of the heart	54						1	1	2	2	2	3	3	5	2	2	9	8	4	5	3	1	1			20	3
80. Angina pectoris	6																	2	1	1	2					3	3
81. Affections of the arteries (atheroma, aneurism, etc.)	5	1				1												1		2		1				2	3
82. Embolism and thrombosis	3														1		1			1							3
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	1															1										1	
86. Other affections of the circulatory appa- ratus																											
Total of circulatory apparatus	74	1		1		2	1	1	2	2	3	3	4	5	3	3	10	11	7	9	5	2	1		28	46	
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	11	5	1			6									1			1	1	1	1					4	7
91. Bronchitis, chronic	1																					1					1
92. Broncho-pneumonia	19	5	3	2		1	11					2			1	1	1	1	1			1				13	6
93. Pneumonia	42	7	2	2			11		1	2		1	4	3	4	5	4			3	2	2				22	20
94. Pleurisy	2												1							1						1	1
95. Pulmonary congestion and apoplexy	1	1				1																					1
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory appa- ratus (phthisis excepted)	2															1	1									2	
Total respiratory apparatus	78	18	6	4		1	20		1	2		1	6	4	4	7	6	2	2	6	3	3	2		42	36	
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	1											1														1	
104. Other affections of the stomach (cancer excepted)	1												1													1	
105. Diarrhœa and enteritis (under two years)	17	15	2			17																				6	11
105a. Diarrhœa and enteritis, chronic																											
106. Diarrhœa and enteritis (two years and over)	1		1			1																				1	
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	8	1				1					1			1	1				2			1	1		5	3	
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	5														1	2	2									4	1
113. Biliary calculi	2														1						1					1	1
114. Other affections of the liver	3											1						1		1							3
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for June, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.																											
—Concluded.																											
116. Peritonitis, simple (puerperal excepted),	7								1		1	1		2		1			1							3	4
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1													1												1	
118. Appendicitis and abscess of the iliac fossa	5				1	1	1		2			1														4	1
Total digestive apparatus	51	16	2	1		1	20	1	1	2	3	3	1	6	3	3	1		4	1		1	1			26	25
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	39			1		1		1	2	1		1	3	3	2	3	3	4	2	2	1		1			18	12
120. Bright's disease	24								1	1		1	1	2	1	2	2	1	6	3	2					11	13
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	2											1				1										2	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	1																		1							1	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	3									1	1		1														3
130. Other diseases of the uterus	1																		1								1
131. Cysts and other tumors of the ovary	2								1		1																2
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	63			1		1		1	4	2	2	3	5	6	3	6	6	5	9	6	3		1			32	31
VII. Puerperal State.																											
134. Accidents of pregnancy	1									1																	1
135. Hemorrhage, puerperal																											
136. Other accidents of labor																											
137. Septicemia, puerperal	3								1	1	1																3
138. Albuminuria and puerperal eclampsia,	2								1			1															2
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death	2											2															2
141. Puerperal diseases of the breast																											
Total puerperal	8								1	3	1	2	1														7
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene																											
143. Furuncle (carbuncle)	2												1					1								1	1
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa																											
Total skin tissue	2													1					1							1	1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1903.	AGE.																				SEX.	
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years.	5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																		
IX. Diseases of the Organs of Locomotion.— Concluded.																							
149. Other affections of the organs of locomotion																							
Total organs locomotion																							
X. Malformations.																							
150. Malformations, congenital (still-births excepted)																							
XI. Early Infancy.																							
151. Congenital debility, icterus and sclerema																							
152. Other diseases appertaining to infancy,																							
153. Lack of care																							
Total early infancy																							
XII. Old Age.																							
154. Senile debility																							
XIII. Affections Produced by External Causes.																							
155. Suicide by poison																							
156. Suicide by asphyxia																							
157. Suicide by hanging or strangulation																							
158. Suicide by submersion																							
159. Suicide by firearms																							
160. Suicide by cutting instruments																							
161. Suicide by jumping from high places																							
162. Suicide by crushing																							
163. Other suicides																							
164. Fractures																							
165a. Luxations																							
166. Other accidental traumatisms																							
167. Burns and scalds																							
168. Burns by corrosive substances																							
169. Insolation																							
170. Freezing																							
171. Electrical disturbances																							
172. Accidental submersion																							
173a. Inanition																							
174. Absorption of deleterious gases (suicide excepted)																							
175. Other acute poisonings																							
176. Other external violence																							
Total affections, etc.																							
XIV. Ill-defined Diseases.																							
177. Dropsy																							
178. Sudden death																							
179. Non-specified or ill-defined causes of death																							
Total ill-defined diseases																							
Total from all causes,																							

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,135. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF JUNE, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	June, 1903.	June, 1902.	June, 1903.	June, 1902.		June, 1903.	June, 1902.	June, 1903.	June, 1902.
Cholera	—	—	—	—	Measles	224	312	2	5
Chicken-pox	8	59	—	—	Scarlatina	150	88	1	—
Cerebro-spinal Meningitis . .	4	6	—	—	Smallpox	—	43	—	—
Diphtheria and Croup . . .	154	130	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	87	38	—	—
Tuberculosis	65	78	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	.	2,318
Calves	"	.	.	.	.	.	.	1,823
Sheep	"	.	.	.	.	.	.	739
Hogs	"	.	.	.	.	.	.	464

Cattle condemned,	7	.	.	.	.	.	3,040 lbs.
Calves	11	.	.	.	.	.	399 "
Sheep	—	.	.	.	.	.	— "
Hogs	—	.	.	.	.	.	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immature)	393 lbs.
Beef (tainted)	386 "
Eggs	60 doz.

FISH.

Lobsters	100 lbs.
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VEGETABLES.

Pickles	8 bbls.
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BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	54	234	12	9	40	—	349
Release	—	31	—	15	78	—	124
TOTALS	54	265	12	24	118	—	473
	Positive.		Negative.	Unsat.			
Tuberculosis	59		160	—		219	
Typhoid	13		72	5		90	
Glanders	2		5	4		11	
Other Examinations	3		10	—		13	
	GRAND TOTAL . . .						806

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of June, 1903, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.			
1	30.28	60	56	S.E.	.00	Mean Barometer, 29.97.			
2	30.24	60	42	N.	.00	Highest Barometer, 30.41 on the 5th.			
3	30.00	70	42	W.	.00	Lowest Barometer, 29.68 on the 15th.			
4	30.26	60	50	N.	.00	Monthly Range of Barometer, .73.			
5	30.38	62	64	S.W.	.00	Mean Temperature, .60.			
6	30.38	64	72	S.W.	.00	Highest Temperature, 85 on the 3d.			
7	30.13	64	88	S.W.	.00	Lowest Temperature, 48 on the 16th.			
8	29.99	67	94	S.	.27	Monthly Range of Temperature, 37.			
9	29.95	66	91	S.	.17	Greatest Daily Range of Temperature, 31 on the 3d.			
10	30.03	64	96	N.E.	.00	Least Daily Range of Temperature, 5 on the 21st.			
11	29.99	60	98	E.	*T	Mean Daily Range of Temperature, 12.7.			
12	29.75	60	98	E.	.39	Mean Daily Dew-point, 52.5.			
13	29.76	64	86	S.	.38	Mean Daily Relative Humidity, 79.2.			
14	29.80	62	81	S.E.	.00	Prevailing Direction of Wind, E.			
15	29.69	53	92	N.E.	2.45	Total Movement of Wind, 6,976 miles.			
16	29.84	51	84	N.E.	.11	Highest Velocity of Wind and Direction, 41 E. on the 12th.			
17	29.94	54	76	E.	.00	Number of Foggy Days, 2.			
18	30.00	56	84	E.	*T	Number of Fair Days, 2.			
19	29.92	58	82	S.W.	.00	Number of Clear Days, 6.			
20	29.88	58	87	S.E.	.02	Number of Cloudy Days, 22.			
21	29.74	54	98	E.	2.36	Total Number of Days on which Rain or Snow fell, 14.			
22	29.99	53	90	N.E.	.21	Depth of Unmelted Snow on ground at end of month, none.			
23	30.01	51	89	E.	.01	Dates of Auroras, none.			
24	30.06	52	93	N.E.	.13	Dates of Lunar Halos, none.			
25	30.02	52	92	N.	.47	Dates of Solar Halos, none.			
26	29.96	64	74	W.	.00	Dates of Frosts, none.			
27	29.84	70	63	W.	.00	Mean Maximum Temperature, 66.2.			
28	29.99	66	52	N.W.	.00	Mean Minimum Temperature, 53.4.			
29	29.94	59	80	S.W.	.06				
30	29.90	63	78	E.	.16				
31									
TOTALS	—	—	—	—	7.19				
MEANS	29.97	60	79.2	E.	.239				
						MEAN TEMPERATURE for this month in			
						Total Precipitation for this Month in Inches.			
						1871	66	1871	5.55
						1872	68	1872	4.84
						1873	68	187354
						1874	66	1874	3.94
						1875	67	1875	7.25
						1876	68	1876	1.72
						1877	67	1877	3.21
						1878	64	1878	2.28
						1879	64	1879	6.24
						1880	67	188075
						1881	61	1881	7.79
						1882	66	1882	1.03
						1883	69	1883	2.07
						1884	66	1884	4.01
						1885	66	1885	3.70
						1886	63	1886	1.34
						1887	64	1887	1.98
						1888	67	1888	2.69
						1889	68	1889	2.77
						1890	64	1890	2.21
						1891	65	1891	3.06
						1892	70	1892	3.05
						1893	65	1893	2.20
						1894	69	189480
						1895	67	1895	1.73
						1896	66	1896	2.71
						1897	62	1897	4.46
						1898	66	1898	1.60
						1899	70	1899	2.86
						1900	69	1900	1.85
						1901	68	1901	1.31
						1902	64	1902	1.77
						1903	60	1903	7.19

* T indicates trace of precipitation.

Average mean temperature for 33 years, 66.

Average monthly precipitation for 33 years, 3.05.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of July, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Démography, Paris, 1900.)

Deaths during the month of July, 1903	893
Population estimated at 600,929 for the month of July, 1903.	Rate per 1,000 inhabitants, 17.83

Total number	893	NATIVITY.	
SEX.		United States	590
Males	466	Ireland	133
Females	427	England	18
CONDITION.		Scotland	6
Single	481	Germany	23
Married	262	British America	60
Widowed	134	Italy	17
Divorced	4	Russia	12
Unknown	12	Sweden	4
COLOR.		Other Countries	14
White	876	Unknown	16
Black (Negro or mixed)	17	PARENTAGE.	
Indian	—	United States	203
Chinese	—	Irish	259
Japanese	—	English	19
Total deaths of children {		Scotch	5
Under 1 year	214	German	28
Under 2 years	253	British American	50
Under 5 years	291	Italian	42
Diarrhœal diseases, {		Russian	31
Under 1 year	94	Swedish	9
Under 2 years	108	Other Countries	65
Under 5 years	111	Mixed	71
All ages	123	One parent unknown	34
		Unknown	77
		Still-births during the month	53

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

[illegible]

CAUSES OF DEATH.	Total Mortality for July, 1903.	AGE.																	SEX.									
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.— Concluded.																												
78. Endocarditis, acute	5													1				1	1	2							1	4
79. Organic diseases of the heart	67	1					1	1	2	1		7	4	6	3	3	6	10	10	4	3	4	2				37	30
80. Angina pectoris	1											1																1
81. Affections of the arteries (atheroma, aneurism, etc.)	9												1	2		1			1			2	2			6	3	
82. Embolism and thrombosis	1												1															1
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																												
84. Affections of the lymphatic system (lymphangitis, etc.)																												
85. Hemorrhages																												
86. Other affections of the circulatory apparatus																												
Total of circulatory apparatus	84	1	1				2	1	2	1		7	5	2	9	3	4	7	11	13	4	3	6	4		45	39	
IV. Diseases of the Respiratory Apparatus.																												
87. Diseases of the nasal fossæ																												
88. Affections of the larynx																												
89. Affections of the thyroid body																												
90. Bronchitis, acute	7	3	1			4													1		1	1				3	4	
91. Bronchitis, chronic	2														1			1								1	1	
92. Broncho-pneumonia	24	8	4		2	14	1		1	1	2			1		2	1	1								12	12	
93. Pneumonia	45	6	9	3	1	2	21			1	3	4	1		3	2	3		2	3			2			26	19	
94. Pleurisy	7				1	1			1		1		2						2							3	4	
95. Pulmonary congestion and apoplexy	1	1				1																				1		
96. Gangrene of the lung																												
97. Asthma																												
98. Emphysema, pulmonary																												
99. Other diseases of the respiratory apparatus (phthisis excepted)	1																	1									1	
Total respiratory apparatus	87	18	14	3	3	3	41	1		2	2	6	4	3		5	2											

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1903.	AGE.																				SEX.					
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years.	5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																			Males.	Females.				
IX. Diseases of the Organs of Locomotion.— Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion	1																										
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	4	3	1																								4
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	51	51																									24 27
152. Other diseases appertaining to infancy,	11	11																									7 4
153. Lack of care																											
Total early infancy	62	62																									31 31
XII. Old Age.																											
154. Senile debility	27																										8 19
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	3														1						1	1					2 1
156. Suicide by asphyxia	1														1												1
157. Suicide by hanging or strangulation	2																				1	1					1 1
158. Suicide by submersion																											
159. Suicide by firearms	3															1		2									3
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places	2															1		1									1 1
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	8			1			1								2		1		1	2		1					5 3
165a. Luxations																											
166. Other accidental traumatisms	22		1	1		1	3	2	2	2	3		3	2	1	1	1					2					22
167. Burns and scalds	6						1	1	4							1											3 3
168. Burns by corrosive substances																											
169. Insolation	8	2					2	1					1	1			1				1		1				5 3
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	11					1	1	2		1	2	1	1			1		1	1								11
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings	3												1	1					1								2 1
176. Other external violence	5	2	1				3						1								1						4 1
Total affections, etc.	74	4	2	2		3	11	9	2	3	5	4	8	2	5	4	3	7	3	4	1	2	1				59 15
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	14	2		1	1		4	1			1		1	1	2			1	3								7 7
Total ill-defined diseases	14	2		1	1		4	1			1		1	1	2			1	3								7 7
Total from all causes,	893	214	39	19	11	8	291	29	13	23	32	57	57	34	47	33	44	48	47	41	36	17	25	13	4		466 427

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,135. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF JULY, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	July, 1903.	July, 1902.	July, 1903.	July, 1902.		July, 1903.	July, 1902.	July, 1903.	July, 1902.
Cholera	—	—	—	—	Measles	100	100	2	—
Chicken-pox	17	—	—	—	Scarlatina	88	98	—	—
Cerebro-spinal Meningitis . .	3	4	—	—	Smallpox	—	26	—	—
Diphtheria and Croup . . .	146	95	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	87	37	—	—
" Tuberculosis	98	82	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	1,969
Calves	"	.	.	.	.	.	1,459
Sheep	"	.	.	.	.	.	1,658
Hogs	"	.	.	.	.	.	402

Cattle condemned,	8	.	.	.	.	3,490 lbs.
Calves	"	—	.	.	.	— "
Sheep	"	—	.	.	.	— "
Hogs	"	—	.	.	.	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef (tainted)	.	.	.	.	.	57 lbs.
Veal "	.	.	.	.	.	2,471 "
Veal (immature)	.	.	.	.	.	288 "
Mutton (tainted)	.	.	.	.	.	1,378 "
Poultry "	.	.	.	.	.	218 "

FISH.

Fish (decayed)	1,086 lbs.
Lobsters "	50 "

VEGETABLES.

Potatoes (decayed)	40 bushels.
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BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		52	196	9	6	18	—	281
Release		3	34	—	30	108	5	180
TOTALS		55	230	9	36	126	5	461
		Positive.		Negative.	Unsat.			
Tuberculosis		62		139	—			201
Typhoid		9		91	3			103
Glanders		2		4	4			10
Other Examinations		1		13	—			14
		GRAND TOTAL						789

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of July, 1903, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.	
1	29.80	75	90	S.W.	.18	Mean Barometer, 29.88.	
2	29.68	82	52	W.	.00	Highest Barometer, 30.19 on the 5th.	
3	29.86	75	59	W.	.00	Lowest Barometer, 9.58 on the 19th.	
4	30.05	66	54	S.E.	.00	Monthly Range of Barometer, 0.61.	
5	30.14	68	60	W.	.00	Mean Temperature, 71.	
6	30.02	70	84	S.W.	.31	Highest Temperature, 93 on the 10th.	
7	30.04	75	58	N.W.	.00	Lowest Temperature, 55 on the 16th.	
8	29.90	80	59	W.	.00	Monthly Range of Temperature, 38.	
9	29.86	82	66	W.	.00	Greatest Daily Range of Temperature, 26 on the 25th.	
10	29.82	80	66	W.	.00	Least Daily Range of Temperature, 2 on the 19th.	
11	29.72	82	60	W.	.00	Mean Daily Range of Temperature, 16.	
12	29.72	78	60	W.	*T	Mean Daily Dew-point, 59.	
13	29.71	70	74	W.	.02	Mean Daily Relative Humidity, 69.	
14	29.80	72	62	W.	.04	Prevailing Direction of Wind, W.	
15	29.78	67	60	W.	.00	Total Movement of Wind, 7,547 miles.	
16	29.87	64	66	W.	.01	Highest Velocity of Wind and Direction, 36 N.E. on the 19th.	
17	30.00	70	52	W.	.00	Number of Foggy Days, 1.	Number of Fair Days, 12.
18	29.93	70	67	S.	*T	Number of Clear Days, 10.	Number of Cloudy Days, 9.
19	29.66	60	100	N.	1.00	Total Number of Days on which Rain or Snow fell, 12.	
20	29.90	66	72	N.W.	*T	Depth of Unmelted Snow on ground at end of month, none.	
21	29.97	62	97	N.E.	.24	Dates of Auroras, none.	Dates of Lunar Halos, none.
22	30.06	62	97	E.	.15	Dates of Solar Halos, none.	Dates of Frosts, none.
23	29.88	68	89	S.E.	.26	Mean Maximum Temperature, 79.6. Mean Minimum Temperature, 63.2.	
24	29.95	73	60	N.W.	.00	MEAN TEMPERATURE for this month in	
25	29.96	74	58	W.	.00	Total Precipitation for this Month in Inches.	
26	29.80	75	67	W.	.20	1871 71	1871 3.24
27	29.92	64	55	N.W.	.00	1872 75	1872 4.00
28	30.04	65	56	N.W.	.00	1873 73	1873 3.84
29	29.90	70	76	S.W.	*T	1874 73	1874 3.47
30	29.78	80	88	S.W.	.56	1875 71	1875 3.93
31	29.98	70	78	N.W.	.02	1876 74	1876 5.86
TOTALS	—	—	—	—	2.99	1877 70	1877 2.87
MEANS	29.88	71	69	W.	.096	1878 73	1878 4.58
						1879 70	1879 3.09
						1880 70	1880 6.86
						1881 68	1881 2.96
						1882 72	1882 3.91
						1883 71	1883 2.73
						1884 68	1884 4.25
						1885 71	1885 1.44
						1886 74	1886 1.81
						1887 73	1887 3.59
						1888 68	1888 1.79
						1889 69	1889 5.80
						1890 74	1890 1.93
						1891 69	1891 3.73
						1892 73	1892 2.56
						1893 71	1893 1.72
						1894 74	1894 3.09
						1895 69	1895 2.98
						1896 72	1896 2.90
						1897 72	1897 4.12
						1898 72	1898 4.42
						1899 71	1899 3.45
						1900 74	1900 3.69
						1901 73	1901 5.20
						1902 68	1902 2.88
						1903 71	1903 2.99

* T indicates trace of precipitation.

Average mean temperature for 33 years, 71.

Average monthly precipitation for 33 years, 3.54.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of August, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of August, 1903	858
Population estimated at 600,929 for the month of August, 1903.	Rate per 1,000 inhabitants, 17.13

Total number 858

SEX.

Males 473

Females 385

CONDITION.

Single 492

Married 241

Widowed 114

Divorced 1

Unknown 10

COLOR.

White 829

Black (Negro or mixed) 28

Indian —

Chinese 1

Japanese —

Total deaths of children,	Under 1 year	267
	Under 2 years	309
	Under 5 years	337

Diarrhoeal diseases,	Under 1 year	131
	Under 2 years	157
	Under 5 years	163
	All ages	178

NATIVITY.

United States 576

Ireland 126

England 20

Scotland 7

Germany 12

British America 55

Italy 12

Russia 12

Sweden 5

Other Countries 20

Unknown 13

PARENTAGE.

United States 174

Irish 263

English 19

Scotch 9

German 15

British American 54

Italian 39

Russian 36

Swedish 9

Other Countries 63

Mixed 71

One parent unknown 40

Unknown 66

Still-births during the month 54

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1963.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	16			1		1	2		2	1	2	2	3	1		2										11	5
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles																											
7. Scarletina	2	1	1		2																					2	
8. Whooping cough	1	1			1																						1
9. Diphtheria and croup																											
9a. Diphtheria	17	2	3	1	5		11	5	1																	8	9
10. Grippe																											
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras	2	1			1																1					2	
14. Dysentery	5	1			1	1								1				1		1	1					3	2
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	3	2			2						1															3	
19. Other epidemic affections																											
20. Purulent infection and septicemia	6											2	1		2		1									2	4
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	74	1		1	2			3	10	15	7	17	8	3		2	5	1	1							30	35
28. Tubercle of the meninges	9	2	1	1	4	2	1					1	1													6	3
29. Tubercle, abdominal																											
30. Pott's disease	1						1																			1	
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings).																											
33. Tubercle of other organs	1												1														1
34. Tubercle, generalized	5	2			2							2				1										3	2
35. Scrofula																											
36. Syphilis																											
3. Tertiary	1										1															1	
4. Hereditary																											
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	2																	2								2	
40. Cancer and other malignant tumors of the stomach and liver	16									1	4		1	2	3	2				3						6	10

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1903.		AGE.																				SEX.				
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum .	10	1				1	1							3	1	2	2									4	6
42. Cancer and other malignant tumors of the genital organs of the female . .	2															2											
43. Cancer and other malignant tumors of the breast	2																1						1			2	
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	12								1				1	3	1	2	2		2							4	8
46. Other tumors (tumors of the female genital organs excepted)																											
47. Rheumatism, acute, articular	2						1							1												1	1
48. Rheumatism, chronic, and gout. . . .	1																			1							1
49. Scorbutus	1		1			1																					1
50. Diabetes	4													2	1						1					1	3
51. Goitre, exophthalmic																											
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis	3									1				1						1						1	2
55. Other general diseases																											
56. Alcoholism, acute and chronic	6									1				1	3	1										6	
57. Saturnism																											
58. Other trade intoxications	1									1																1	
59. Other chronic poisonings	1									1																1	
Total general diseases	66	13	5	2	9		20	12	2	6	12	22	10	31	22	12	11	13	6	6	2	7		1		108	98
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	10	3	2		1		6					1			1	1				1						5	5
61a. Meningitis, epidemic cerebrospinal . .	5	1	2				3	1									1									2	3
62. Locomotor ataxia, progressive. . . .																											
63. Other diseases of the spinal cord . . .	1								1																	1	
64. Cerebral congestion and hemorrhage . .	27												1	2	2	1	4	2	3	4	4	2	2			11	16
65. Cerebral softening	2												1						1							2	
66. Paralysis, without cause assigned . . .	3													1					2							2	1
67. General paralysis																											
68. Other forms of mental alienation . . .																											
69. Epilepsy																											
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	1	1					1																			1	
72. Tetanus																											
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system .	5	1					1				1			1			1		1							2	3
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear																											
Total of the nervous system, etc.,	54	6	4		1		11	1		1	1	1	2	4	3	2	6	2	6	5	5	2	2			26	28
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1903.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.—Concluded.																												
78. Endocarditis, acute	1																		1									1
79. Organic diseases of the heart	60							1		1	3	2	4	4	7	2	10	9	7	5	2	2	1			31	2	
80. Angina pectoris																												
81. Affections of the arteries (atheroma, aneurism, etc.)	10																		4	1	3			2		5	5	
82. Embolism and thrombosis	1																		1								1	
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																												
84. Affections of the lymphatic system (lymphangitis, etc.)																												
85. Hemorrhages	1	1				1																					1	
86. Other affections of the circulatory apparatus																												
Total of circulatory apparatus	73	1				1	1		1	3	2	4	4	7	2	10	10	12	6	5	2	1	2		37	30		
IV. Diseases of the Respiratory Apparatus.																												
87. Diseases of the nasal fossæ																												
88. Affections of the larynx																												
89. Affections of the thyroid body																												
90. Bronchitis, acute	8	2	1	1		4	1					1										2			4	4		
91. Bronchitis, chronic	3									1									1	1					3			
92. Broncho-pneumonia	21	1	1	1		15					1		1	1			1	1			1				12			
93. Pneumonia	24	1	1	1		3	1		1	3	3	1	1	1	1	1	3	2	2	1					14	10		
94. Pleurisy	1										1															1		
95. Pulmonary congestion and apoplexy	2					2																				2		
96. Gangrene of the lung																												
97. Asthma																												
98. Emphysema, pulmonary																												
99. Other diseases of the respiratory apparatus (phthisis excepted)	3													2				1							2	1		
Total respiratory apparatus	62	13	4	2	3	22	4		1	4	5	2	2	4	1	1	4	5	3	1	3			32	30			
V. Diseases of the Digestive Apparatus.																												
100. Affections of the mouth and its adnexa,																												
101. Affections of the pharynx																												
102. Affections of the esophagus	2										1		1													2		
103. Ulcer of the stomach	3										1					2										1	2	
104. Other affections of the stomach (cancer excepted)	8	2		1		3	1			1						1	1		1						6	2		
105. Diarrhœa and enteritis (under two years)	155	125	26			155																				86	69	
105a. Diarrhœa and enteritis, chronic	5																1	1	2		1				3	2		
106. Diarrhœa and enteritis (two years and over)	11		4	1	1	6									2			2			1				7	4		
107. Parasites, intestinal																												
108. Hernia, intestinal obstructions	8	2			1	3	1				2					1					1				2	6		
109. Other affections of the intestines	1																				1					1		
110. Icterus, grave																												
111. Hydatid tumors of the liver																												
112. Cirrhosis of the liver	5											1				1	2		1						4	1		
113. Biliary calculi	1											1														1		
114. Other affections of the liver	6	1				1							1	1	1				1			1			4	2		
115. Affections of the spleen.																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for August, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.																											
—Concluded.																											
116. Peritonitis, simple (puerperal excepted),										1		1	2		1	2		2								2	7
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the iliac fossa	12						2	1		3	1	1	2	1							1					10	2
Total digestive apparatus . . .	226	133	27	4	2	2	168	3	2	4	2	3	8	4	2	4	8	2	7	3	3	3				127	99
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	17	1					1	1				3	5	3	1	1	1	3	2	3	2	1				17	10
120. Bright's disease	12											1	1	1	2		2	1	2	1		1				8	4
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder																											
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	4							1								1		1	1							4	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	2												1	1												2	
130. Other diseases of the uterus	1									1																1	
131. Cysts and other tumors of the ovary																											
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary . . .	40	1					1	1	1	1		4	6	5	4	1	4	4	5	5	2	2			25	17	
VII. Puerperal State.																											
134. Accidents of pregnancy	4										1	2	1														4
135. Hemorrhage, puerperal																											
136. Other accidents of labor	1											1														1	
137. Septicemia, puerperal	2										2															2	
138. Albuminuria and puerperal eclampsia,	1												1													1	
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal . . .	8										3	2	3													8	
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene																											
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa																											
Total skin tissue																											
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1903.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.— Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion																												
X. Malformations.																												
150. Malformations, congenital (still-births excepted),		1	1				1																				1	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema		89	88	1			89																				52	37
152. Other diseases appertaining to infancy,		11	11				11																				5	6
153. Lack of care																												
Total early infancy		100	99	1			100																				57	43
XII. Old Age.																												
154. Senile debility		20																1	1	2	3	4	6	3			7	13
XIII. Affections Produced by External Causes.																												
155. Suicide by poison		1								1																	1	
156. Suicide by asphyxia		2								1				1													2	
157. Suicide by hanging or strangulation																												
158. Suicide by submersion																												
159. Suicide by firearms		1															1										1	
160. Suicide by cutting instruments		2										1				1											1	1
161. Suicide by jumping from high places		1										1															1	
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures		5						1				1				1		1		1							5	
165a. Luxations																												
166. Other accidental traumatismas		26		1	1	2	1	2	2	2	5	3	1	3		2		1	2								23	6
167. Burns and scalds		5			1		1	1					1		1										1	2	3	
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion		6									3		1	1			1										6	
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)																												
175. Other acute poisonings		2	1				1									1											2	
176. Other external violence		1										1															1	
Total affections, etc.		52	1		2	1	4	2	3	2	7	6	6	3	4	3	3	3	1	3		1			1		45	7
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death		10						1			1	1	3		1	1	1				1						4	6
Total ill-defined diseases		10						1			1	1	3		1	1	1				1						4	6
Total from all causes,		858	267	42	8	17	3	337	24	9	8	28	42	36	59	46	36	25	45	32	45	27	27	16	10	6	473	385

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,135. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF AUGUST, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	August, 1903.	August, 1902.	August, 1903.	August, 1902.		August, 1903.	August, 1902.	August, 1903.	August, 1902.
Cholera	—	—	—	—	Measles	62	37	1	—
Chicken-pox	2	7	—	1	Scarlatina	68	80	—	—
Cerebro-spinal Meningitis . .	3	3	—	—	Smallpox	—	32	—	—
Diphtheria and Croup . . .	127	108	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	108	53	—	—
Tuberculosis	101	74	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	2,115
Calves	"	.	.	.	.	.	1,321
Sheep	"	.	.	.	.	.	959
Hogs	"	.	.	.	.	.	872

Cattle condemned,	7	.	.	.	.	.	2,875 lbs.
Calves	"	1	.	.	.	.	35 "
Sheep	"	—	.	.	.	.	— "
Hogs	"	—	.	.	.	.	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immature)	367 lbs.
Beef (tainted)	200 "
Poultry "	50 "

FISH.

Salmon	50 lbs.
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VEGETABLES.

Beans	3 bushels.
Cantaloupes	3 barrels.

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	58	328	7	4	19	1	417
Release	—	18	1	4	84	4	111
TOTALS	58	346	8	8	103	5	528
	Positive.		Negative.		Unsat.		
Tuberculosis	57		99		—		156
Typhoid	11		110		9		130
Glanders	1		4		2		7
Other Examinations	4		9		—		13
	GRAND TOTAL . . .						834

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of August, 1903, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.27	68	54	N.W.	.00	Mean Barometer, 30.01.
2	30.38	68	64	N.W.	.00	Highest Barometer, 0.40 on the 2d.
3	30.34	64	84	N.	.00	Lowest Barometer, 9.66 on the 22d.
4	30.23	59	84	S.E.	.11	Monthly Range of Barometer, 0.74.
5	30.02	58	94	E.	1.00	Mean Temperature, 65.
6	29.95	60	96	N.E.	.32	Highest Temperature, 86 on the 22d.
7	29.84	63	80	W.	.12	Lowest Temperature, 52 on the 8th.
8	30.02	60	65	S.W.	.00	Monthly Range of Temperature, 34.
9	29.92	58	90	E.	.01	Greatest Daily Range of Temperature, 23 on the 22d.
10	29.96	70	74	W.	.00	Least Daily Range of Temperature, 3 on the 5th.
11	29.91	69	74	S.	.00	Mean Daily Range of Temperature, 12.9.
12	29.88	69	72	W.	.00	Mean Daily Dew-point, 56.9.
13	30.08	64	60	W.	.00	Mean Daily Relative Humidity, 77.1.
14	30.10	66	65	W.	.00	Prevailing Direction of Wind, W.
15	30.09	68	63	N.W.	.00	Total Movement of Wind, 6,429 miles.
16	30.06	64	82	N.W.	*T	Highest Velocity of Wind and Direction, 30 N.E. on the 30th.
17	30.02	70	74	W.	.10	Number of Foggy Days, 0. Number of Fair Days, 10.
18	30.06	66	74	S.	.00	Number of Clear Days, 11. Number of Cloudy Days, 10.
19	29.97	72	80	S.W.	.00	Total Number of Days on which Rain or Snow fell, 13.
20	29.74	71	89	S.	.22	Depth of Unmelted Snow on ground at end of month, none.
21	29.94	70	70	N.W.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.73	74	71	S.W.	.00	Dates of Solar Halos, none. Dates of Frosts, none.
23	29.81	75	50	W.	.00	Mean Maximum Temperature, 71.5. Mean Minimum Temperature, 58.5.
24	29.96	66	70	E.	.00	MEAN TEMPERATURE for this month in
25	29.88	60	93	N.	.60	1871 72
26	29.98	59	92	N.	*T	1872 72
27	30.07	62	77	S.E.	.00	1873 69
28	30.13	64	74	E.	.00	1874 68
29	30.16	60	88	E.	.13	1875 71
30	30.13	58	93	N.E.	.53	1876 70
31	29.97	58	94	N.	.19	1877 71
TOTALS	—	—	—	—	3.33	1878 68
MEANS	30.01	65	77.1	W.	.107	1879 68
						1880 69
						1881 70
						1882 70
						1883 68
						1884 68
						1885 67
						1886 68
						1887 67
						1888 71
						1889 67
						1890 69
						1891 70
						1892 70
						1893 70
						1894 68
						1895 71
						1896 71
						1897 70
						1898 73
						1899 69
						1900 71
						1901 71
						1902 68
						1903 65
						Total Precipitation for this Month in Inches.
						1871 3.08
						1872 10.68
						1873 6.21
						1874 6.67
						1875 3.50
						1876 1.23
						1877 4.49
						1878 7.66
						1879 6.71
						1880 2.90
						1881 1.23
						1882 1.46
						1883 0.39
						1884 5.01
						1885 7.64
						1886 3.64
						1887 3.05
						1888 6.53
						1889 3.55
						1890 2.70
						1891 3.87
						1892 4.87
						1893 6.46
						1894 3.03
						1895 3.24
						1896 2.15
						1897 3.95
						1898 6.38
						1899 2.52
						1900 2.46
						1901 3.25
						1902 2.20
						1903 3.33

* T indicates trace of precipitation.

Average mean temperature for 33 years, 4.13

Average monthly precipitation for 33 years, 69.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of September, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of September, 1903	843
Population estimated at 600,929	Rate per 1,000 inhabitants, 16.83

Total number 843

SEX.

Males 419
Females 424

CONDITION.

Single 475
Married 245
Widowed 115
Divorced 3
Unknown 5

COLOR.

White 819
Black (Negro or mixed) 23
Indian —
Chinese 1
Japanese —

Total deaths of children, { Under 1 year 247
Under 2 years 275
Under 5 years 306

Diarrhœal diseases, { Under 1 year 95
Under 2 years 106
Under 5 years 112
All ages 125

NATIVITY.

United States 551
Ireland 141
England 19
Scotland 8
Germany 17
British America 50
Italy 16
Russia 7
Sweden 8
Other Countries 18
Unknown 8

PARENTAGE.

United States 163
Irish 253
English 14
Scotch 10
German 28
British American 48
Italian 43
Russian 23
Swedish 7
Other Countries 69
Mixed 85
One parent unknown 43
Unknown 57
Still-births during the month 51

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	19			1		1	3	1	3		1	4	3	3												13	6
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles																											
7. Scarlatina																											
8. Whooping cough	4	3	1			4																				1	3
9. Diphtheria and croup	3			1	1	2	1																			3	
9a. Diphtheria	9		1	1	3	1	6	2	1																	6	3
10. Grippe																											
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras	3	1				1						1		1												2	1
14. Dysentery	5	2	1			3								1						1						3	2
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	2	1				1														1						2	
19. Other epidemic affections																											
20. Purulent infection and septicemia	4	1		1		2					1					1										2	2
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx	1									1																	1
27. Tubercle of the lungs	97	2	1	1		4	1		9	10	17	12	8	9	7	7	8	1	1	1		1	1		42	55	
28. Tubercle of the meninges	11	2	2		1	5	4		1					1												5	6
29. Tubercle, abdominal	2	1				1							1													1	1
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings).																											
33. Tubercle of other organs	2						1						1													1	1
34. Tubercle, generalized	4	1	2			3								1												3	1
35. Scrofula	1											1														1	
36. Syphilis																											
3. Tertiary	1												1														1
4. Hereditary	1	1				1																					1
37. Biennorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	5														1		2	2								3	2
40. Cancer and other malignant tumors of the stomach and liver	13												3	1	3	2		2	1		1					9	4

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1908.	AGE.																			SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	6													1	2				1	1	1						1	5
42. Cancer and other malignant tumors of the genital organs of the female . . .	4												1			2	1											4
43. Cancer and other malignant tumors of the breast . . .	3													1		1					1							3
44. Cancer and other malignant tumors of the skin . . .																												
45. Cancer and other malignant tumors of organs not specified . . .	6												1		1	1			1		1	1					4	2
46. Other tumors (tumors of the female genital organs excepted) . . .	1											1																1
47. Rheumatism, acute, articular . . .	2							1					1															2
48. Rheumatism, chronic, and gout. . .	5							1				1						1	1	1							2	3
49. Scorbutus . . .																												
50. Diabetes . . .	7															1	1			3	1						4	3
51. Goitre, exophthalmic . . .																												
52. Addison's disease . . .																												
53. Leukemia . . .																												
54. Anemia, chlorosis . . .	3												1			1			1								1	2
55. Other general diseases . . .																												
56. Alcoholism, acute and chronic . . .	11											1	3	2	1	3		1									7	4
57. Saturnism . . .																												
58. Other trade intoxications . . .																												
59. Other chronic poisonings . . .																												
Total general diseases . . .	235	15	6	4	6	3	34	12	4	13	11	20	23	23	19	19	15	15	8	9	5	3	1	1		116	119	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis . . .																												
61. Meningitis, simple . . .	15	10	1		1		12	1		1				1														6
61a. Meningitis, epidemic cerebrospinal . . .	5	4	1				5																				3	2
62. Locomotor ataxia, progressive . . .	1																	1									1	
63. Other diseases of the spinal cord . . .	1													1													1	
64. Cerebral congestion and hemorrhage . . .	35	2					2			1			1	3	2	2	2	3	6	3	6	2	2			20	15	
65. Cerebral softening . . .																												
66. Paralysis, without cause assigned . . .	8									1			2	1			1	1		2						5	3	
67. General paralysis . . .	2												2														2	
68. Other forms of mental alienation . . .	1																	1									1	
69. Epilepsy . . .	2											1							1								2	
70. Eclampsia (non-puerperal) . . .																												
71. Convulsions of children . . .	2	2					2																					2
72. Tetanus . . .	1									1																	1	
73. Chorea . . .																												
74. Hysteria . . .																												
74b. Other affections of the nervous system . . .	7									2	1		2	1											1	1	6	
75. Diseases of the eye and appendages . . .																												
76. Diseases of the ear . . .																												
Total of the nervous system, etc., . . .	80	18	2		1		21	1		3	2	2	1	1	11	4	2	5	5	6	5	6	2	2	1	43	37	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis . . .	3	1					1							1	1											2	1	

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for September, 1908.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —Concluded?																											
116. Peritonitis, simple (puerperal excepted),	15									5	1	2		2	1	1	1		2							3	12
117. Other affections of the digestive appa- ratus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the iliac fossa	7								1		1	1	1	1	1	1										6	1
Total digestive apparatus	67	97	11	4	1	113		1	2	6	3	5	4	7	7	7	1	3	3	2	1	1	1			80	87
VI. Diseases of the Genito-Urinary Appa- ratus and its Adnexa.																											
119. Nephritis, acute	22			1		1	1	1			1		1	1	4	3	1	3	2	2	1					12	10
120. Bright's disease	11			1		1						1		1	3		2	1		1		1				7	4
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder																											
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate																											
126. Non-venereal diseases of the male gen- ital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	2												1	1													2
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary	2												1				1										2
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	37			1	1	2	1	1			1	1	3	3	7	3	4	4	2	3	1	1				19	18
VII. Puerperal State.																											
134. Accidents of pregnancy	4										3			1													4
135. Hemorrhage, puerperal																											
136. Other accidents of labor																											
137. Septicemia, puerperal	1										1																1
138. Albuminuria and puerperal eclampsia,	5								1		1	2		1													5
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	10								1		5	2		2													10
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	1												1														1
143. Furuncle (carbuncle)	1																1										1
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	1	1				1																					1
Total skin tissue	3	1				1							1				1										2
IX. Diseases of the Organs of Locomo- tion.																											
146. Affections of the bones (non-tuber- culous)	1	1				1																					1
147. Arthritis and other affections of the articula- tions (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1903	AGE.																			SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.— Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	1	1				1																						
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	8	8				8																				5	3	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	82	82				82																				42	40	
152. Other diseases appertaining to infancy,	7	7				7																				3	4	
153. Lack of care																												
Total early infancy	89	89				89																				45	44	
XII. Old Age.																												
154. Senile debility	17																1	1	1		4	3	3	4		5	12	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	1													1												1		
156. Suicide by asphyxia	3									1				1	1											2	1	
157. Suicide by hanging or strangulation																												
158. Suicide by submersion																												
159. Suicide by firearms	2																1			1						2		
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	2												1							1						1	1	
165a. Luxations																												
166. Other accidental traumatisms	18		1	1		2			2	1	2		1	2	2	2	1	1	1	1						12	6	
167. Burns and scalds	8	1	3	2	1	7												1								1	7	
168. Burns by corrosive substances																												
169. Insolation	1											1														1		
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	2												1		1											2		
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)	2	1				1						1														2		
175. Other acute poisonings																												
176. Other external violence	1									1																	1	
Total affections, etc.	40	2	4	3	1	10			2	2	3	2	3	3	4	3	2	2	1	1	2					24	16	
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	7		1			1					2			1		1	1		1							5	2	
Total ill-defined diseases	7		1			1					2			1		1	1		1							5	2	
Total from all causes,	843	247	28	18	10	3	306	17	9	21	30	38	42	48	52	54	39	37	38	31	25	27	16	7	6	419	424	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,233. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF SEPTEMBER, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

	CITY.		QU'ARANTINE.			CITY.		QUARANTINE.	
	Sept., 1903.	Sept., 1902.	Sept., 1903.	Sept., 1902.		Sept., 1903.	Sept., 1902.	Sept., 1903.	Sept., 1902.
Cholera	—	—	—	—	Measles	52	17	—	1
Chicken-pox	8	11	2	—	Scarlatina	65	65	—	—
Cerebro-spinal Meningitis . .	3	4	—	—	Smallpox	—	54	—	—
Diphtheria and Croup . . .	140	142	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	126	197	—	—
Tuberculosis	152	71	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	2,108
Calves	"	.	.	.	.	.	1,848
Sheep	"	.	.	.	.	.	1,341
Hogs	"	.	.	.	.	.	1,229

Cattle condemned,	7	.	.	.	.	.	3,600 lbs.
Calves	"	4	.	.	.	.	153 "
Sheep	"	—	.	.	.	.	— "
Hogs	"	—	.	.	.	.	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef	265 lbs.
Poultry (tainted)	1,176 "
Veal (immature)	1,461 "
" (tainted)	1,285 "
Mutton "	415 "
Bear "	100 "

FISH.

Bluefish, etc;	157 lbs.
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VEGETABLES.

Miscellaneous	14 bushels.
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BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		40	205	7	7	35	1	295
Release		1	26	2	14	52	—	95
TOTALS		41	231	9	21	87	1	390
		Positive.		Negative.	Unsat.			
Tuberculosis		54		132	—			186
Typhoid		20		108	6			134
Glanders		6		6	—			12
Other Examinations		3		12	1			16
GRAND TOTAL								738

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of September, 1903, as reported by J. W. SMITH, D. L. C., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.99	68	84	W.	.00	Mean Barometer, 30.11.
2	30.12	67	91	S.W.	.00	Highest Barometer, 0.43 on the 19th, 20th.
3	30.16	62	96	E.	.00	Lowest Barometer, 9.66 on the 24th.
4	30.09	72	88	S.W.	.00	Monthly Range of Barometer, 0.67.
5	29.93	74	96	S.W.	.66	Mean Temperature, 64.
6	30.08	62	63	N.	.00	Highest Temperature, 91 on the 14th.
7	30.19	60	66	N.W.	.00	Lowest Temperature, 42 on the 30th.
8	30.37	56	63	N.	.00	Monthly Range of Temperature, 49.
9	30.86	60	67	S.W.	.00	Greatest Daily Range of Temperature, 26 on the 30th.
10	30.14	68	82	S.W.	.00	Least Daily Range of Temperature, 8 on the 6th.
11	30.08	74	68	N.W.	.00	Mean Daily Range of Temperature, 16.8.
12	30.23	66	67	S.E.	.00	Mean Daily Dew-point, 53.9.
13	30.14	74	75	S.W.	.00	Mean Daily Relative Humidity, 72.4.
14	30.10	81	70	W.	.00	Prevailing Direction of Wind, S.W.
15	30.16	79	78	S.W.	.00	Total Movement of Wind, 6,932 miles.
16	30.08	74	80	S.W.	*T	Highest Velocity of Wind and Direction, 42 S. on the 16th.
17	29.84	76	88	S.W.	.63	Number of Foggy Days, 1. Number of Fair Days, 7.
18	30.08	63	52	N.W.	*T	Number of Clear Days, 15. Number of Cloudy Days, 8.
19	30.42	56	62	S.E.	.00	Total Number of Days on which Rain or Snow fell, 8.
20	30.33	56	76	N.E.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	30.15	56	75	N.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.13	66	55	N.W.	.00	Dates of Solar Halos, none.
23	30.02	67	62	S.	.00	Thunder Storm, 5th, 27th. Dates of Frosts, 25th, 29th, 30th.
24	29.76	58	64	N.W.	.01	Mean Maximum Temperature, 72.8. Mean Minimum Temperature, 56.0
25	30.04	55	58	W.	.00	MEAN TEMPERATURE for this month in
26	30.13	62	70	W.	.00	Total Precipitation for this Month in Inches.
27	29.95	65	88	S.	*T	1871 59 1871 1.30
28	30.03	56	68	W.	.98	1872 64 1872 6.04
29	30.26	48	58	N.W.	.00	1873 62 1873 2.91
30	30.33	55	61	W.	.00	1874 64 1874 2.05
31						1875 59 1875 3.12
TOTALS	—	—	—	—	2.28	1876 59 1876 3.84
MEANS	30.11	64	72.2	S.W.	.076	1877 64 1877 3.60
						1878 63 1878 3.47
						1879 61 1879 1.84
						1880 64 1880 2.36
						1881 66 1881 2.50
						1882 63 1882 10.43
						1883 59 1883 1.50
						1884 66 1884 0.31
						1885 60 1885 1.70
						1886 63 1886 2.73
						1887 60 1887 0.97
						1888 60 1888 6.77
						1889 63 1889 3.19
						1890 63 1890 5.04
						1891 67 1891 2.29
						1892 62 1892 1.90
						1893 60 1893 1.59
						1894 65 1894 2.14
						1895 66 1895 1.53
						1896 62 1896 6.40
						1897 63 1897 2.38
						1898 66 1898 1.93
						1899 63 1899 5.09
						1900 65 1900 4.62
						1901 65 1901 2.50
						1902 63 1902 2.08
						1903 64 1903 2.28

* T indicates trace of precipitation.

Average mean temperature for 33 years, 63.

Average monthly precipitation for 33 years, 3.12

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of October, 1903	811
Population estimated at 600,929	Rate per 1,000 inhabitants, 16.19

Total number	811	NATIVITY.	
SEX.		United States	521
Males	406	Ireland	129
Females	405	England	30
CONDITION.		Scotland	3
Single	409	Germany	8
Married	259	British America	50
Widowed	133	Italy	14
Divorced	2	Russia	13
Unknown	8	Sweden	7
COLOR.		Other Countries	22
White	775	Unknown	14
Black (Negro or mixed)	33	PARENTAGE.	
Indian	—	United States	195
Chinese	3	Irish	245
Japanese	—	English	22
Total deaths of children,		Scotch	5
Under 1 year	186	German	10
Under 2 years	219	British American	31
Under 5 years	253	Italian	26
Diarrhoeal diseases,		Russian	31
Under 1 year	53	Swedish	5
Under 2 years	56	Other Countries	52
Under 5 years	61	Mixed	69
All ages	67	One parent unknown	56
		Unknown	64
		Still-births during the month	55

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1903.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																												
1. Typhoid Fever	15							2	1	2		1	3	3			1	1		1						10	5	
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola																												
6. Measles	4	2	1		1		4																			2	2	
7. Scarlatina	4		1	2			3	1																		1	3	
8. Whooping cough	2	2					2																				2	
9. Diphtheria and croup	4		3				3	1																		1	3	
9a. Diphtheria	19	3	5	1	1	1	11	5	3																	10	9	
10. Grippe																												
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras																												
14. Dysentery	3	1					1				1									1						1	2	
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	2							1				1														1	1	
19. Other epidemic affections																												
20. Purulent infection and septicemia . .	9							1			2		1	1	1	1	1	1		1						6	3	
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc. . . .																												
25. Pellagra																												
26. Tubercle of the larynx																												
27. Tubercle of the lungs	88	3		1			4	1	1	7	14	11	11	15	8	8	2	2	4							43	45	
28. Tubercle of the meninges	10	3	2	1	3		9							1												7	3	
29. Tubercle, abdominal	3		1				1				1		1													1	2	
30. Pott's disease																												
31. Abscess, cold and by congestion . . .																												
32. Tumors, white (white swellings). . .																												
33. Tubercle of other organs																												
34. Tubercle, generalized																												
35. Scrofula																												
36. Syphilis																												
3. Tertiary	2										1									1							2	
4. Hereditary	1	1					1																				1	
37. Blennorrhagia of the adult																												
38. Gonococcal infections of the child . .																												
39. Cancer and other malignant tumors of the buccal cavity	7												1		1		3	1	1							5	2	
40. Cancer and other malignant tumors of the stomach and liver	18														1	2	1	2	5	3	1		2	1		2	1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	13		2			2			1		1		1	1	3	1		2		1						6	7
42. Cancer and other malignant tumors of the genital organs of the female . . .	9												1			6	1	1									
43. Cancer and other malignant tumors of the breast	5															1	2	1	1								5
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	7												1	2			1	1	2							3	4
46. Other tumors (tumors of the female genital organs excepted)	1		1				1																			1	
47. Rheumatism, acute, articular	3								2											1						2	1
48. Rheumatism, chronic, and gout.	3																			2						1	2
49. Scorbutus																											
50. Diabetes	4							1			1							1	1								4
51. Goitre, exophthalmic																											
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis	5												2				2			1							5
55. Other general diseases																											
56. Alcoholism, acute and chronic	8												2	1	2	3										3	5
57. Saturnism																											
58. Other trade intoxications	2																2									2	
59. Other chronic poisonings																											
Total general diseases	251	15	13	8	5	1	42	12	6	12	16	16	21	25	16	15	14	20	14	13	5	1	2	1		115	136
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	1							1																			1
61. Meningitis, simple	13	6	2			1	9					1		1		1	1									6	7
61a. Meningitis, epidemic cerebrospinal . .	3	1					1	1					1													2	1
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord . . .	2				1		1												1							1	1
64. Cerebral congestion and hemorrhage . .	40	1					1						1	1	3	5	4	3	6	6	8	1	1			20	20
65. Cerebral softening																											
66. Paralysis, without cause assigned . . .	5																	2		1	2					1	4
67. General paralysis	5									1					1	1				1	1					2	3
68. Other forms of mental alienation . . .																											
69. Epilepsy																											
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	2	2					2																			1	1
72. Tetanus	1												1													1	
73. Chorea	1																			1						1	
74. Hysteria																											
74b. Other affections of the nervous system .	1													1													1
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear																											
Total of the nervous system, etc.,	74	10	2		1	1	14	2			1	1	1	3	2	5	7	4	6	7	8	11	1	1		35	39
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	2									1											1						2

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1903.	AGE.																				SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory Apparatus.—Concluded.																													
78. Endocarditis, acute	5					1	1									1	2					1					5		
79. Organic diseases of the heart	59	2			1		3	1					5	5		4	4	4	7	7	8	4	3	2	1		31	2	
80. Angina pectoris	5									1			1				1	1		1							2	5	
81. Affections of the arteries (atheroma, aneurism, etc.)	6											2								2	1	1					5	1	
82. Embolism and thrombosis	4												1		1		1		1								4		
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)	1	1					1																				1		
84. Affections of the lymphatic system (lymphangitis, etc.)																													
85. Hemorrhages	1	1					1																					1	
86. Other affections of the circulatory appa- ratus																													
Total of circulatory apparatus	83	4			1	1	6	1	1		1	7	7	1	6	6	6	8	11	10	6	3	2	1		45	38		
IV. Diseases of the Respiratory Apparatus.																													
87. Diseases of the nasal fossæ																													
88. Affections of the larynx	1	1					1																					1	
89. Affections of the thyroid body																													
90. Bronchitis, acute	13	5	1				6						1				1				1	2	2				9	4	
91. Bronchitis, chronic	2																1					1						2	
92. Broncho-pneumonia	25	11	4	2			17						2			2	1	1	2								16	9	
93. Pneumonia	36	3	6	1	2		12			4	1		5	5	2		2			2		2	1				14	22	
94. Pleurisy	2																2											2	
95. Pulmonary congestion and apoplexy																													
96. Gangrene of the lung																													
97. Asthma																													
98. Emphysema, pulmonary																													
99. Other diseases of the respiratory appa- ratus (phthisis excepted)	1																		1									1	
Total respiratory apparatus	80	20	11	3	2		36			4	1		7	6	2	3	6	1	3	2	2	4	3			42	38		
V. Diseases of the Digestive Apparatus.																													
100. Affections of the mouth and its adnexa,																													
101. Affections of the pharynx																													
102. Affections of the esophagus																													
103. Ulcer of the stomach	1												1															1	
104. Other affections of the stomach (cancer excepted)	8	2					2					1		1		1	1			2							2	6	
105. Diarrhœa and enteritis (under two years)	55	52	3				55																					31	24
105a. Diarrhœa and enteritis, chronic	4												1			1						1	1				1	3	
106. Diarrhœa and enteritis (two years and over)	5			5			5																				1	4	
107. Parasites, intestinal																													
108. Hernia, intestinal obstructions	9	1					1		1	1						2	1	1	1			1					6	3	
109. Other affections of the intestines																													
110. Icterus, grave																													
111. Hydatid tumors of the liver																													
112. Cirrhosis of the liver	2												1				1											2	
113. Biliary calculi	2												1					1										2	
114. Other affections of the liver	1																			1								1	
115. Affections of the spleen.																													

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1903.	AGE.																				SEX.			
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																					
IX. Diseases of the Organs of Locomotion.—Concluded.																									
149. Other affections of the organs of locomotion																									
Total organs locomotion																									
X. Malformations.																									
150. Malformations, congenital (still-births excepted)																									
XI. Early Infancy.																									
151. Congenital debility, icterus and sclerema																									
152. Other diseases appertaining to infancy,																									
153. Lack of care																									
Total early infancy																									
XII. Old Age.																									
154. Senile debility																									
XIII. Affections Produced by External Causes.																									
155. Suicide by poison																									
156. Suicide by asphyxia																									
157. Suicide by hanging or strangulation																									
158. Suicide by submersion																									
159. Suicide by firearms																									
160. Suicide by cutting instruments																									
161. Suicide by jumping from high places																									
162. Suicide by crushing																									
163. Other suicides																									
164. Fractures																									
165a. Luxations																									
166. Other accidental traumatisms																									
167. Burns and scalds																									
168. Burns by corrosive substances																									
169. Insolation																									
170. Freezing																									
171. Electrical disturbances																									
172. Accidental submersion																									
173a. Inanition																									
174. Absorption of deleterious gases (suicide excepted)																									
175. Other acute poisonings																									
176. Other external violence																									
Total affections, etc.																									
XIV. Ill-defined Diseases.																									
177. Dropsy																									
178. Sudden death																									
179. Non-specified or ill-defined causes of death																									
Total ill-defined diseases																									
Total from all causes,																									

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,233. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF OCTOBER, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Oct., 1903.	Oct., 1902.	Oct., 1903.	Oct., 1902.		Oct., 1903.	Oct., 1902.	Oct., 1903.	Oct., 1902.
Cholera	—	—	—	—	Measles	200	22	—	—
Chicken-pox	20	16	—	—	Scarlatina	110	101	—	—
Cerebro-spinal Meningitis . .	—	2	—	—	Smallpox	1	55	—	—
Diphtheria and Croup . . .	260	195	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	109	171	—	—
Tuberculosis	159	74	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	.	2,299
Calves	"	.	.	.	.	.	.	1,151
Sheep	"	.	.	.	.	.	.	2,426
Hogs	"	.	.	.	.	.	.	1,150
Cattle condemned,	8	.	.	.	.	.	.	3,300 lbs.
Calves	"	—	.	.	.	.	.	— "
Sheep	"	—	.	.	.	.	.	— "
Hogs	"	3	.	.	.	.	.	760 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef (tainted)	.	.	.	.	.	324 lbs.
Pork "	.	.	.	.	.	605 "
Mutton "	.	.	.	.	.	845 "
Veal (immature)	.	.	.	.	.	2,177 "
" (tainted)	.	.	.	.	.	10 "
Deer (two)	.	.	.	.	.	265 "

FRUITS.

Pears	.	.	.	.	.	.	.	4 bushels.
Peaches	.	.	.	.	.	.	.	"
Grapes	.	.	.	.	.	.	.	"

VEGETABLES.

Melons	1 bushel.
Cranberries	1 bbl.
Pickles	1 "
Cucumbers	1 bushel.
Cauliflower	1 bbl.

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	. . . . .	104	441	14	16	46	1	622
Release	. . . . .	11	42	3	76	188	4	324
TOTALS		115	483	17	92	234	5	946
		Positive.		Negative.		Unsat.		
Tuberculosis	. . . . .	61		192		—		253
Typhoid	. . . . .	9		97		7		113
Glanders	. . . . .	9		7		—		16
Other Examinations	. . . . .	2		12		—		14
		GRAND TOTAL						1,342

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of October, 1903, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.12	65	74	S.W.	.00	Mean Barometer, 30.03.
2	30.16	64	83	N.E.	.13	Highest Barometer, 0.38 on the 22d.
3	30.37	56	79	E.	.00	Lowest Barometer, 9.41 on the 18th.
4	30.30	58	80	S.E.	.00	Monthly Range of Barometer, 0.97.
5	30.12	68	88	S.W.	.20	Mean Temperature, 54.
6	30.24	62	83	E.	.00	Highest Temperature, 76 on the 1st.
7	30.27	58	90	E.	*T	Lowest Temperature, 31 on the 25th, 29th.
8	29.99	60	93	S.E.	.23	Monthly Range of Temperature, 45.
9	29.92	56	86	E.	.10	Greatest Daily Range of Temperature, 30 on the 29th.
10	30.08	52	86	N.E.	.37	Least Daily Range of Temperature, 3 on the 9th, 11th.
11	29.97	52	94	N.E.	.37	Mean Daily Range of Temperature, 14.
12	29.80	51	97	N.	.99	Mean Daily Dew-point, 44.
13	29.94	54	76	N.	.10	Mean Daily Relative Humidity, 73.
14	29.90	57	64	N.W.	.00	Prevailing Direction of Wind, S.W.
15	30.08	50	66	N.W.	.00	Total Movement of Wind, 8,757 miles.
16	30.07	59	83	S.	.00	Highest Velocity of Wind and Direction, 35 N.E. on the 10th.
17	29.80	64	93	S.	.92	Number of Foggy Days, none. Number of Fair Days, 10.
18	29.63	55	68	W.	.34	Number of Clear Days, 11. Number of Cloudy Days, 10.
19	30.06	47	68	S.W.	*T	Total Number of Days on which Rain or Snow fell, 13.
20	29.86	61	70	S.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	30.13	51	52	N.W.	.00	Dates of Auroras, 31st. Dates of Lunar Halos, none.
22	30.26	50	71	S.	.00	Dates of Solar Halos, none.
23	29.94	60	82	S.	.20	Thunder Storm, 23d. Dates of Frosts, 22d.
24	30.01	43	60	N.W.	.00	Mean Maximum Temperature, 60.9. Mean Minimum Temperature, 46.5.
25	29.83	38	61	N.W.	.00	MEAN TEMPERATURE for this month in Total Precipitation for this Month in Inches
26	29.76	41	57	W.	.00	1871 54 1871 5.88
27	30.06	38	50	W.	.00	1872 52 1872 4.35
28	30.08	38	50	N.W.	.00	1873 53 1873 5.33
29	30.04	46	59	S.W.	.00	1874 53 1874 1.39
30	30.07	58	62	W.	.00	1875 49 1875 4.99
31	30.14	62	48	W.	.00	1876 48 1876 1.66
TOTALS	—	—	—	—	3.95	1877 51 1877 8.84
MEANS	30.03	54	73	S.W.	.127	1878 55 1878 6.76
						1879 56 1879 0.91
						1880 51 1880 3.15
						1881 53 1881 2.84
						1882 55 1882 2.29
						1883 47 1883 6.40
						1884 52 1884 3.17
						1885 51 1885 5.71
						1886 52 1886 3.27
						1887 51 1887 2.53
						1888 49 1888 3.58
						1889 48 1889 3.31
						1890 51 1890 5.63
						1891 52 1891 5.56
						1892 53 1892 2.31
						1893 55 1893 2.94
						1894 54 1894 5.11
						1895 50 1895 6.19
						1896 50 1896 3.15
						1897 54 1897 0.41
						1898 54 1898 7.17
						1899 54 1899 2.40
						1900 55 1900 3.41
						1901 54 1901 3.02
						1902 54 1902 4.56
						1903 52 1903 4.03

* T indicates trace of precipitation.

Average mean temperature for 33 years, 52.

Average monthly precipitation for 33 years, 4.03.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of November, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of November, 1903 796
Population estimated at 600,929 Rate per 1,000 inhabitants, 15.89

Total number 796

SEX.

Males 395
Females 401

CONDITION.

Single 369
Married 273
Widowed 139
Divorced 6
Unknown 9

COLOR.

White 775
Black (Negro or mixed) 21
Indian —
Chinese —
Japanese —

Total deaths of children, { Under 1 year 125
Under 2 years 172
Under 5 years 206

Diarrhœal diseases, { Under 1 year 10
Under 2 years 17
Under 5 years 19
All ages 26

NATIVITY.

United States 511
Ireland 145
England 17
Scotland 4
Germany 10
British America 59
Italy 13
Russia 4
Sweden 6
Other Countries 15
Unknown 12

PARENTAGE.

United States 177
Irish 273
English 14
Scotch 5
German 16
British American 39
Italian 24
Russian 21
Swedish 9
Other Countries 57
Mixed 56
One parent unknown 41
Unknown 64
Still-births during the month 44

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1903.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
		I. General Diseases.																										
1. Typhoid Fever	15								1	3	4	3	2	1		1										8	7	
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola																												
6. Measles	10	5	4		1	10																				6	4	
7. Scarletina	2		1			1	2																			1	1	
8. Whooping cough	2	2					2																			2		
9. Diphtheria and croup	4		2		1		3	1																		2	2	
9a. Diphtheria	22	4	3	4	2	2	15	3	3												1					7	15	
10. Grippe																												
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras	1																1										1	
14. Dysentery	1													1													1	
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	3															1	1						1			1	2	
19. Other epidemic affections																												
20. Purulent infection and septicemia	1									1																1		
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc.																												
25. Pellagra																												
26. Tubercle of the larynx	1												1													1		
27. Tubercle of the lungs	93	3	1			4		1	8	7	19	12	15	14		4	4	3	1			1				46	47	
28. Tubercle of the meninges	6	1	2		1	4	2																			3	3	
29. Tubercle, abdominal	3			1	1	2															1						3	
30. Pott's disease																												
31. Abscess, cold and by congestion																												
32. Tumors, white (white swellings).																												
33. Tubercle of other organs	1		1			1																				1		
34. Tubercle, generalized	2									1			1													1	1	
35. Scrofula																												
36. Syphilis																												
3. Tertiary																												
4. Hereditary	2	2				2																				1	1	
37. Bleorrhagia of the adult																												
38. Gonococcal infections of the child																												
39. Cancer and other malignant tumors of the buccal cavity	2																	1		1						2		
40. Cancer and other malignant tumors of the stomach and liver	13												1	1	1	1	3	4	1	1						5	8	

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1903.	AGE.																				SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

**Total Mortality for
November, 1903.**

AGE.

SEX.

[illegible]

V. Diseases of the Digestive Apparatus.

116. Peritonitis, simple (puerperal excepted),	5	1				1	1					1	2														4	1
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1														1													1
118. Appendicitis and abscess of the iliac fossa	7						3		1			1	1				1										6	1
Total digestive apparatus . . .	60	11	7	2			20	3	3		1	2	4	3	3	1	7	3	2	3	1	3				1	30	30

VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.

119. Nephritis, acute	22			1	1			1	1	2	1	3	2	2	3	1	1	2	2			9	13
120. Bright's disease	14				1						1	1	1	1	2	3	1	2	1			8	6
121. Other diseases of the kidneys and their adnexa																							
122. Calculi of the urinary tract																							
123. Diseases of the bladder																							
124. Diseases of the urethra, urinary abscess, etc.																							
125. Diseases of the prostate	1																	1				1	
126. Non-venereal diseases of the male gen- ital organs																							
127. Metritis	1							1															1
128. Hemorrhage, uterine, non-puerperal																							
129. Tumor, uterine, non-cancerous	1										1												1
130. Other diseases of the uterus																							
131. Cysts and other tumors of the ovary																							
132. Other diseases of the female genital organs.																							
133. Diseases of the breast, non-puerperal (cancer excepted)																							
Total of genito-urinary	39			1	1	1		2	1	2	2	5	3	3	5	4	2	4	4			18	21

VII. Puerperal State.

[illegible]

VIII. Diseases of the Skin and Cellular Tissue.

142. Gangrene									
143. Furuncle (carbuncle)	1				1				1
144. Phlegmon, warm abscess	1	1		1					1
145d. Other diseases of the skin and its adnexa									
Total skin tissue	2	1		1	1				2

IX. Diseases of the Organs of Locomotion.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
X. Diseases of the Organs of Locomotion.— Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	2	2					2																			1	1
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	44	43	1				44																			22	22
152. Other diseases appertaining to infancy,	4	4					4																			3	1
153. Lack of care																											
Total early infancy	48	47	1				48																			25	23
XII. Old Age.																											
154. Senile debility	20																			1	8	4	3	1	3	4	16
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia	1								1																	1	
157. Suicide by hanging or strangulation	1													1												1	
158. Suicide by submersion	1										1															1	
159. Suicide by firearms	3												2	1												3	
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	7										1			3	1			1		1						5	2
165a. Luxations																											
166. Other accidental traumatisms	27							1	2		2	3	4	2	3	3	1	2		3	1					24	3
167. Burns and scalds	5	1	1				2	1	1						1											2	3
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	2															2										2	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	1															1										1	
175. Other acute poisonings	2		1				1								1											2	
176. Other external violence	5									1						1		1	1	1						3	2
Total affections, etc.	55	1	2				3	2	3	1	3	5	4	4	10	8	1	3	2	1	4	1				44	11
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	7	2	2				4	1		1									1							4	3
Total ill-defined diseases	7	2	2				4	1		1									1							4	3
Total from all causes,	796	125	47	20	9	5	206	20	13	20	19	43	47	48	53	38	45	46	44	37	45	34	20	10	8	395	401

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, about 5,233. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF NOVEMBER, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Nov., 1903.	Nov., 1902.	Nov., 1903.	Nov., 1902.		Nov., 1903.	Nov., 1902.	Nov., 1903.	Nov., 1902.
Cholera	—	—	—	—	Measles	465	22	—	1
Chicken-pox	54	58	—	—	Scarlatina	122	114	—	—
Cerebro-spinal Meningitis . .	4	1	—	—	Smallpox	—	83	—	—
Diphtheria and Croup . . .	270	207	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	81	119	—	—
Tuberculosis	131	86	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	.	2,219
Calves	"	.	.	.	.	.	.	1,116
Sheep	"	.	.	.	.	.	.	2,332
Hogs	"	.	.	.	.	.	.	1,249
Cattle condemned, 12	.	.	.	.	.	.	.	4,980 lbs.
Calves	"	—	.	.	.	.	.	— "
Sheep	"	—	.	.	.	.	.	— "
Hogs	"	1	.	.	.	.	.	195 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef (tainted)	118 lbs.
Mutton "	140 "
Veal (immature)	1,948 "
Poultry (tainted)	1,593 "

FISH.

Lobsters (decayed)	.	.	.	.	.	.	10 lbs.
Fish	"	"	.	.	.	.	25 "

VEGETABLES.

Tomatoes (decayed)	.	.	.	.	.	3½ bushels
Pears	"	.	.	.	.	½ "
Cranberries	"	.	.	.	.	4 bbls.

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	. . . . .	143	466	5	11	42	1	668
Release	. . . . .	24	31	2	177	259	8	501
TOTALS		167	497	7	188	301	9	1,169
		Positive.		Negative.		Unsat.		
Tuberculosis	. . . . .	46		176		—		222
Typhoid	. . . . .	18		64		4		86
Glanders	. . . . .	2		7		1		10
Other Examinations	. . . . .	2		8		—		10
		GRAND TOTAL . . .						1,497

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of November, 1903, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.09	56	60	W.	.00	Mean Barometer, 30.01.
2	30.08	56	54	W.	.00	Highest Barometer, 0.74 on the 21st.
3	30.03	58	56	W.	.00	Lowest Barometer, 9.55 on the 24th.
4	29.87	63	65	W.	.00	Monthly Range of Barometer, 1.19.
5	29.58	51	80	S.W.	.26	Mean Temperature, 40.
6	29.86	35	90	N.W.	.12	Highest Temperature, 74 on the 4th.
7	29.98	35	67	N.W.	.04	Lowest Temperature, 15 on the 27th.
8	30.17	43	48	W.	.00	Monthly Range of Temperature, 59.
9	30.18	52	51	S.W.	.00	Greatest Daily Range of Temperature, 26 on the 5th.
10	29.96	52	64	S.W.	.00	Least Daily Range of Temperature, 8 on the 6th.
11	29.96	48	80	N.E.	.00	Mean Daily Range of Temperature, 14.0.
12	29.91	51	62	W.	*T	Mean Daily Dew-point, 27.3.
13	30.00	52	51	S.W.	.00	Mean Daily Relative Humidity, 64.8.
14	30.02	44	46	W.	.00	Prevailing Direction of Wind, W.
15	30.08	40	62	W.	.00	Total Movement of Wind, 7,108 miles.
16	30.06	41	81	E.	.49	Highest Velocity of Wind and Direction, 33 N.W. on the 7th.
17	29.82	40	94	N.W.	.47	Number of Foggy Days, none. Number of Fair Days, 3.
18	30.00	36	67	N.W.	.03	Number of Clear Days, 15. Number of Cloudy Days, 12.
19	30.33	33	60	W.	.00	Total Number of Days on which Rain or Snow fell, 8.
20	30.64	30	56	N.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	30.66	30	64	N.W.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.28	32	78	N.W.	.02	Dates of Solar Halos, none.
23	29.88	37	89	S.	.05	Thunder Storm, none. Dates of Frosts, none.
24	29.64	36	58	W.	*T	Mean Maximum Temperature, 47.0. Mean Minimum Temperature, 33.0.
25	29.96	26	48	W.	.00	MEAN TEMPERATURE for this month in
26	30.06	22	43	N.W.	.00	1871 37
27	30.03	21	68	N.	.00	1872 40
28	29.76	26	57	N.W.	.00	1873 33
29	29.70	23	70	N.W.	*T	1874 41
30	29.92	30	72	W.	*T	1875 34
31						1876 40
TOTALS	—	—	—	—	1.48	1877 43
MEANS	30.01	40	64.8	W.	.049	1878 40
						1879 39
						1880 37
						1881 42
						1882 38
						1883 42
						1884 41
						1885 44
						1886 43
						1887 42
						1888 45
						1889 45
						1890 42
						1891 41
						1892 41
						1893 42
						1894 38
						1895 45
						1896 46
						1897 41
						1898 42
						1899 42
						1900 45
						1901 37
						1902 46
						1903 40
						Total Precipitation for this Month in Inches.
						1871 6.42
						1872 3.66
						1873 8.34
						1874 2.85
						1875 5.47
						1876 11.03
						1877 9.62
						1878 8.94
						1879 2.97
						1880 2.30
						1881 3.73
						1882 1.20
						1883 2.08
						1884 3.03
						1885 5.78
						1886 3.59
						1887 2.22
						1888 4.97
						1889 4.91
						1890 0.97
						1891 2.35
						1892 4.45
						1893 1.83
						1894 3.10
						1895 8.07
						1896 3.70
						1897 6.19
						1898 5.32
						1899 2.51
						1900 4.17
						1901 2.41
						1902 1.69
						1903 1.48

* T indicates trace of precipitation.

Average mean temperature for 33 years, 41.

Average monthly precipitation for 33 years, 4.23.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



APR 2 11
B.P.

Statement of Deaths for the month of December, 1903.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of December, 1903 934
Population estimated at 600,929 Rate per 1,000 inhabitants, 18.65

Total number 934

SEX.

Males 473

Females 461

CONDITION.

Single 428

Married 318

Widowed 172

Divorced 2

Unknown 14

COLOR.

White 897

Black (Negro or mixed) 35

Indian —

Chinese 2

Japanese —

Total deaths of children, { Under 1 year 151
Under 2 years 193
Under 5 years 238

Diarrhœal diseases, { Under 1 year 8
Under 2 years 10
Under 5 years 10
All ages 11

NATIVITY.

United States 600

Ireland 169

England 18

Scotland 9

Germany 13

British America 70

Italy 9

Russia 11

Sweden 3

Other Countries 17

Unknown 15

PARENTAGE.

United States 234

Irish 298

English 18

Scotch 11

German 18

British American 45

Italian 41

Russian 24

Swedish 7

Other Countries 63

Mixed 59

One parent unknown 35

Unknown 81

Still-births during the month 44

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1903.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	13							1			4	4	1	2	1											10	3
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	10	3	1	2	2	1	9	1																		4	6
7. Scarletina	8			1	2	1	4	4																		5	3
8. Whooping cough	6	4		2			6																			5	1
9. Diphtheria and croup	1					1	1																			1	
9a. Diphtheria	15		1	4	1	1	7	2	1	1	1	1	1		1											9	6
10. Grippe	3																	1	1		1					2	1
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	3	1					1				1											1				1	2
19. Other epidemic affections																											
20. Purulent infection and septicemia	6	1					1				2		1		2											2	4
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	103		3		1		4	1		7	13	19	15	14	9	6	6	4	2	1	2					51	52
28. Tubercle of the meninges	9	2		4			6	1				1	1													5	4
29. Tubercle, abdominal	2	1					1								1											1	1
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings).																											
33. Tubercle of other organs	1	1					1																				1
34. Tubercle, generalized	1							1																		1	
35. Scrofula																											
36. Syphilis																											
3. Tertiary																											
4. Hereditary																											
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	5																	1	2		2					4	1
40. Cancer and other malignant tumors of the stomach and liver	13														1	1	4	2	2		3					5	8



SUMMARY OF DEATHS IN BOSTON,

With Principal Causes, for the year 1903, compared with those of 1902.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M. D., Chairman.

	1903.	1902.		1903.	1902.
Total No. of deaths from all causes .	10,632	10,983	Influenza	83	20
	(Estimated)	(Estimated)	Intermittent fever	—	8
Population	600,929	586,553	Measles	50	66
Annual death rate per 1,000 inhabitants	17.69	18.73	Pulmonary, and laryngeal } tuberculosis }	1,205	1,211
Total No. from zymotic diseases . .	2,797	3,098	Puerperal septicæmia	23	32
Percentage of deaths from zymotic } diseases to total mortality . . }	26.30	28.20	Pyæmia and septicæmia	66	89
Total No. of still-births	635	623	Rheumatism	71	55
Total deaths of children under 1 year .	2,173	2,257	Scarlatina	65	87
“ “ “ “ 2 years	2,623	2,863	*Smallpox	13	190
“ “ “ “ 5 years	3,079	3,368	Syphilis (congenital)	20	17
Percentage of deaths under 5 years to } total mortality }	28.96	30.66	Syphilis	13	10
Total No. of deaths from diarrhœal } diseases, under 5 years . . . }	595	589	Typhoid fever	119	139
Total No. of deaths from diarrhœal } diseases, all ages }	665	679	Whooping cough	108	132
Percentage of deaths from diarrhœal } diseases to total mortality . . }	6.25	6.18	Other zymotic diseases	1	10
Cholera morbus	7	8	Cancer	511	482
Cholera infantum	180	186	Bright's disease	187	187
Cerebrospinal meningitis	47	62	Bronchitis	288	339
Diarrhœa	456	450	Heart disease	992	1,033
Dysentery	22	36	Pneumonia	1,265	1,115
Diphtheria and croup	214	225	Old age	287	319
Erysipelas	34	65	Violent deaths	575	591

* There were two deaths included of doubtful classification.

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1903.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Appa- ratus.—Concluded.																												
78. Endocarditis, acute	7									1			1	1	1	1		1	1						4	3		
79. Organic diseases of the heart	101	1		1		2	1	2	2		5	4	4	5	8	5	14	10	2	11	13	4	2	1	52	49		
80. Angina pectoris	2																	1			1			2				
81. Affections of the arteries (atheroma, aneurism, etc.)	7													1		2		1	1	2				6	1			
82. Embolism and thrombosis	1															1									1			
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																												
84. Affections of the lymphatic system (lymphangitis, etc.)																												
85. Hemorrhages	2	1				1						1												1	1			
86. Other affections of the circulatory appa- ratus																												
Total of circulatory apparatus	123	2		1		3	1	4	2	1	5	4	6	6	11	6	17	11	10	13	15	5	2	1	67	56		
IV. Diseases of the Respiratory Appa- ratus.																												
87. Diseases of the nasal fossæ																												
88. Affections of the larynx	2	1	1			2																		1	1			
89. Affections of the thyroid body																												
90. Bronchitis, acute	21	10	3			13										1	1	1	2	2	1			8	13			
91. Bronchitis, chronic	9											1				2	1	2	2			1		3	6			
92. Broncho-pneumonia	38	8	8	2	1	1	20			1	4	2		2	1	2	1	1			2	2		22	16			
93. Pneumonia	108	15	13	6	1	3	38	1	1	1	3	2	3	3	4	4	9	13	6	7	6		6	1	52	56		
94. Pleurisy	2										1				1									2				
95. Pulmonary congestion and apoplexy	1																			1				1				
96. Gangrene of the lung																												
97. Asthma																												
98. Emphysema, pulmonary																												
99. Other diseases of the respiratory appa- ratus (phthisis excepted)																												
Total respiratory apparatus	181	34	25	8	2	4	73	1	1	1	4	7	6	3	6	6	12	17	9	11	10	4	8	2	88	93		
V. Diseases of the Digestive Apparatus.																												
100. Affections of the mouth and its adnexa.	1																	1							1			
101. Affections of the pharynx																												
102. Affections of the esophagus																												
103. Ulcer of the stomach																												
104. Other affections of the stomach (cancer excepted)	6	1				1			1				3	1										4	2			
105. Diarrhœa and enteritis (under two years)	10	8	2			10																		4	6			
105a. Diarrhœa and enteritis, chronic	1																		1					1				
106. Diarrhœa and enteritis (two years and over)																												
107. Parasites, intestinal																												
108. Hernia, intestinal obstructions	7				1	1			1					2			3							1	6			
109. Other affections of the intestines																												
110. Icterus, grave																												
111. Hydatid tumors of the liver																												
112. Cirrhosis of the liver	3														1				1	1				1	2			
113. Biliary calculi	1													1										1				
114. Other affections of the liver	9				1	1							1	1	3			1	1	1				4	5			
115. Affections of the spleen.	1						1																		1			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for December, 1903.	AGE.																		SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.																											
—Concluded.																											
116. Peritonitis, simple (puerperal excepted),	6								1	1			1			1	2									1	5
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1														1												1
118. Appendicitis and abscess of the iliac fossa	4						1				1		1					1								2	2
Total digestive apparatus	50	9	2		2	13	2		1	3	1		3	4	6	4	3	4	1	3	2					18	32
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	32	2	1			3	2		1		3	4		2	4	1	5	1	2	2		1	1			17	15
120. Bright's disease	17								1	2				2	3	4		1	1	2		1				4	13
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	1																1										1
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	2															1		1	3	2					1		8
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	2										1	1															2
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary																											
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total genito-urinary	60	2	1			3	2		1	1	5	5	1	4	7	6	6	3	6	6		2	1	1		30	30
VII. Puerperal State.																											
134. Accidents of pregnancy																											
135. Hemorrhage, puerperal																											
136. Other accidents of labor	2								1			1															2
137. Septicemia, puerperal	1								1		1																2
138. Albuminuria and puerperal eclampsia,	1								1																		1
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	5								3		1	1															5
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	1																			1							1
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess	2	2				2																				1	1
145d. Other diseases of the skin and its adnexa																											
Total skin tissue	3	2				2														1						1	2
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)	1	1				1																					1
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1903.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.— Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	1	1				1																					1	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)																												
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	56	54	2			56																					30	26
152. Other diseases appertaining to infancy,	15	15				15																					10	5
153. Lack of care																												
Total early infancy	71	69	2			71																					40	31
XII. Old Age.																												
154. Senile debility	26																	1	2	3	4	5	6	5		12	14	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	2																	1	1								2	
156. Suicide by asphyxia																												
157. Suicide by hanging or strangulation																												
158. Suicide by submersion																												
159. Suicide by firearms	2																	2									2	
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	6									1	1	1	1							1	1					4	2	
165a. Luxations																												
166. Other accidental traumatisms	18	1				1	2			1	1	3	3	2	1	2		1	1			1				14	4	
167. Burns and scalds	5		1	1		2				1						2										1	4	
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing	2										1		1														2	
171. Electrical disturbances																												
172. Accidental submersion	1													1													1	
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)	1												1														1	
175. Other acute poisonings	2									1	1																2	
176. Other external violence	4													2	2												4	
Total affections, etc.	43	1	1	1		1	4			2	2	6	4	1	7	1	7	4	2		1	2				30	13	
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	6		1			1		1					1		1	2											3	3
Total ill-defined diseases	6		1			1		1					1		1	2											3	3
Total from all causes,	934	151	42	24	10	11	238	19	10	19	40	52	45	39	51	55	65	66	51	49	53	33	28	14	7	473	461	

Miles of streets, 496.90. Asphalt 19.17, block stone 90.24, brick 0.22, cobblestone 0.69, macadamized 295.26, gravel 81.85, not graded 8.60. Area of parks (including "public grounds"), 2,519.37 acres. Number of buildings, including tenement houses, 83,321. * Tenement houses, four or more families, 5,296. Daily consumption of water (Metropolitan system), Boston, with fifteen other cities and towns, 101,492,000 gallons. Daily capacity of water supply, 110,000,000 gallons. Reservoir capacity, 15,858,000,000 gallons. Storage reservoirs, 10.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF DECEMBER, 1903, AND FOR THE CORRESPONDING MONTH IN 1902.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

Beef (tainted)	1,145 lbs.
Beef (bruised)	275 "
Veal (immature)	4,053 "
Mutton (tainted)	129 "
Pork "	375 "
Poultry "	2,318 "

Cranberries	4 bbls.
Miscellaneous Vegetables	4 bushels

DIPHTHERIA.	PRIMARY.			SECONDARY.			TOTALS.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	126	514	12	9	64	1	726
Release	21	29	2	237	231	4	524
TOTALS	147	543	14	246	295	5	1,250
	Positive.		Negative.		Unsat.		
Tuberculosis	41		175		—		216
Typhoid	18		74		1		93
Glanders	5		12		4		21
Other Examinations	5		5		—		10
	GRAND TOTAL . . .						1,500

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of December, 1903, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.30	27	76	N.	.00	Mean Barometer, 29.96.
2	30.20	30	89	N.	.14	Highest Barometer, 30.54 on the 19th.
3	30.04	29	88	N.	.10	Lowest Barometer, 29.24 on the 10th.
4	30.02	34	77	N.	*T	Monthly Range of Barometer, 1.30.
5	30.06	34	76	S.W.	*T	Mean Temperature, 29.
6	30.00	32	66	W.	.00	Highest Temperature, 55 on the 13th.
7	29.96	34	66	S.W.	.00	Lowest Temperature, 2 on the 27th.
8	30.04	38	73	W.	.00	Monthly Range of Temperature, 53.
9	29.68	43	87	N.E.	.32	Greatest Daily Range of Temperature, 30 on the 13th.
10	29.43	42	78	S.W.	.43	Least Daily Range of Temperature, 6 on the 3d.
11	29.96	32	61	W.	.00	Mean Daily Range of Temperature, 15.4.
12	30.30	34	70	S.W.	.00	Mean Daily Dew-point, 19.4.
13	29.92	40	63	W.	.48	Mean Daily Relative Humidity, 69.2.
14	30.28	23	52	W.	.00	Prevailing Direction of Wind, W.
15	30.16	20	61	S.W.	.00	Total Movement of Wind, 2,555 miles.
16	29.87	22	66	S.W.	.00	Highest Velocity of Wind and Direction, 46 S.E. on the 20th.
17	29.97	20	70	W.	*T	Number of Foggy Days, none. Number of Fair Days, 3.
18	30.34	16	44	N.W.	.00	Number of Clear Days, 16. Number of Cloudy Days, 12.
19	30.49	22	34	W.	.00	Total Number of Days on which Rain or Snow fell, 18.
20	29.66	39	94	S.	.60	Depth of Unmelted Snow on ground at end of month, 4.0.
21	29.60	42	66	W.	.05	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.75	31	69	W.	.03	Dates of Solar Halos, none.
23	30.11	28	60	S.W.	.00	Thunder Storm, none. Dates of Frosts, none.
24	29.94	41	65	S.W.	*T	Mean Maximum Temperature, 36.6. Mean Minimum Temperature, 21.3.
25	29.56	39	78	S.W.	*T	MEAN TEMPERATURE for this month in
26	29.59	18	79	N.W.	.23	Total Precipitation for this Month in Inches.
27	29.78	12	72	S.W.	.03	1871 28
28	30.05	16	51	W.	.00	1872 24
29	30.19	16	77	W.	.15	1873 31
30	29.94	22	70	W.	.01	1874 31
31	29.98	20	66	W.	*T	1875 29
						1876 22
						1877 35
						1878 30
						1879 32
						1880 26
						1881 38
						1882 30
						1883 29
						1884 33
						1885 33
						1886 29
						1887 32
						1888 36
						1889 38
						1890 26
						1891 40
						1892 30
						1893 30
						1894 32
						1895 36
						1896 30
						1897 34
						1898 32
						1899 36
						1900 33
						1901 32
						1902 28
						1903 29
TOTALS	—	—	—	—	2.57	
MEANS	29.96	29	69.2	W.	.083	

* T indicates trace of precipitation.

Average mean temperature for 33 years, 31.

Average monthly precipitation for 33 years, 3.28.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of January, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of January, 1904	1,013
Population estimated at 600,929	Rate per 1,000 inhabitants, 20.23

Total number	1,013	NATIVITY.	
SEX.		United States	646
Males	529	Ireland	179
Females	484	England	17
CONDITION.		Scotland	8
Single	495	Germany	12
Married	327	British America	89
Widowed	173	Italy	18
Divorced	5	Russia	14
Unknown	13	Sweden	5
COLOR.		Other Countries	12
White	977	Unknown	13
Black (Negro or mixed)	35	PARENTAGE.	
Indian	—	United States	247
Chinese	1	Irish	301
Japanese	—	English	16
Total deaths of children,		Scotch	14
Under 1 year	186	German	13
Under 2 years	241	British American	53
Under 5 years	293	Italian	48
Diarrhœal diseases,		Russian	28
Under 1 year	2	Swedish	8
Under 2 years	4	Other Countries	56
Under 5 years	4	Mixed	75
All ages	13	One parent unknown	63
		Unknown	91
		Still-births during the month	57

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1904.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
		I. General Diseases.																									
1. Typhoid Fever	8									1	1	3		2						1						3	5
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	9	3	3	2		1	9																			5	4
7. Scarletina	15	1	2	1		2	6	8	1																	6	9
8. Whooping cough	3	1	2				3																			2	1
9. Diphtheria and croup	3		2				2			1																2	1
9a. Diphtheria	23	4	5	6	3	3	21	2																		12	11
10. Grippe	8										1		1					2	1	1	2					4	4
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery	1																			1						1	
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	11	2	1	1			4			1				1	1	2		1		1						8	3
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	8	1					1				1	2		2	1		1									5	3
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx	1											1															1
27. Tubercle of the lungs	117	3			1	1	5	1	1	6	9	18	18	20	8	5	12	3	4	3	2	2				66	51
28. Tubercle of the meninges	3	1	2				3																			1	2
29. Tubercle, abdominal	3				1		1											1	1							2	1
30. Pott's disease	1							1																		1	
31. Abscess, cold and by congestion . . .																											
32. Tumors, white (white swellings). . .																											
33. Tubercle of other organs																											
34. Tubercle, generalized																											
35. Scrofula	1	1					1																				1
36. Syphilis																											
3. Tertiary	2											1		1												2	
4. Hereditary	2	2					2																			1	1
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child . .																											
39. Cancer and other malignant tumors of the buccal cavity	4												1					1	2							2	2
40. Cancer and other malignant tumors of the stomach and liver	12														1	2	2	5	2							7	5

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	5															1	1	1		2						1	4
42. Cancer and other malignant tumors of the genital organs of the female . . .	4												1	1				1	1								
43. Cancer and other malignant tumors of the breast	2														1	1											2
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	12													3		4				3			1	1		5	7
46. Other tumors (tumors of the female genital organs excepted)	2								1														1			1	1
47. Rheumatism, acute, articular	6			1			1	3				1												1		5	1
48. Rheumatism, chronic, and gout.	4													1			3									3	1
49. Scorbutus																											
50. Diabetes	6		1					1			1		1		1				1	1						2	4
51. Goitre, exophthalmic	2										1								1								2
52. Addison's disease																											
53. Leukemia	1													1												1	
54. Anemia, chlorosis	2																1	1									2
55. Other general diseases																											
56. Alcoholism, acute and chronic	13									1		3	4	2	2				1							10	3
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings	1												1													1	
Total general diseases	295	19	18	10	6	7	60	15	3	7	14	25	27	29	20	12	23	15	19	11	9	2	2	2		158	137
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	1					1	1																			1	
61. Meningitis, simple	21	5	3	4		12			2		1	1	1	1		3										18	3
61a. Meningitis, epidemic cerebrospinal . . .	3	2				2	1																			1	2
62. Locomotor ataxia, progressive	1												1														1
63. Other diseases of the spinal cord																											
64. Cerebral congestion and hemorrhage . . .	45											1	1	4	4	3	5	2	11	1	7	5		1	17	28	
65. Cerebral softening	2																			1			1				
66. Paralysis, without cause assigned	3																1		1		1				1	2	
67. General paralysis																											
68. Other forms of mental alienation	2																	1						1	1	1	1
69. Epilepsy	3									1	1							1								2	1
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	11	10		1		11																				5	6
72. Tetanus																											
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system . .	5			2		2									1			1			1					1	4
75. Diseases of the eye and appendages . . .																											
76. Diseases of the ear																											
Total of the nervous system, etc.,	97	17	3	7		1	28	1	3	2	2	3	5	5	6	8	3	12	2	9	5	2	1			47	50
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	3													1			1	1									3

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	6								1					2		1		2								4	2
79. Organic diseases of the heart	87	2				1	3		2	1	3	3	3	2	3	8	13	6	8	11	10	5	4	2		48	3
80. Angina pectoris	4															1		1				1	1			3	1
81. Affections of the arteries (atheroma, aneurism, etc.)	3																	1	1		1					2	1
82. Embolism and thrombosis	4								1							1		2								3	1
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	2								1				1														2
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	109	2				1	3		2	4	3	3	3	3	6	9	15	8	15	11	11	6	5	2		63	46
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	27	11	7				18											1	1	1	2	1	2	1		10	17
91. Bronchitis, chronic	6							1		1							1		1		1		1			2	4
92. Broncho-pneumonia	61	27	13	3	2		45	2		2		1			1	4	2			1	2		1			25	36
93. Pneumonia	123	25	9	8	1	1	44	1	2	1	4	8	5	6	5	1	7	6	5	5	10	8	3	2		72	51
94. Pleurisy	3										1				1					1						2	1
95. Pulmonary congestion and apoplexy																											
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	220	63	29	11	3	1	107	3	3	1	4	8	6	6	6	2	11	9	6	8	12	13	4	6	1	111	109
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa																											
101. Affections of the pharynx	1										1															1	
102. Affections of the esophagus	1																	1								1	
103. Ulcer of the stomach																											
104. Other affections of the stomach (cancer excepted)	4		1				1							1	1		1									1	3
105. Diarrhœa and enteritis (under two years)	4	2	2				4																			2	2
105a. Diarrhœa and enteritis, chronic	6														1	1	1	1	1	1	1				2	4	
106. Diarrhœa and enteritis (two years and over)	2							1					1													1	1
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	7											1	1	1			1		1	1	1					3	4
109. Other affections of the intestines	1																					1				1	
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	5													3	1				1							1	4
113. Biliary calculi	3												1				1		1								3
114. Other affections of the liver	7										1			1	1		1	1	2							4	3
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1904	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	5	5				5																				3	2
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	70	68	2			70																				37	33
152. Other diseases appertaining to infancy,	7	7				7																				3	4
153. Lack of care																											
Total early infancy	77	75	2			77																				40	37
XII. Old Age.																											
154. Senile debility	24																		1	4	5	9	1	4		8	16
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	5										2		1	1	1											3	2
156. Suicide by asphyxia	1																1									1	
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms	6										1		1		1	2		1								5	1
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	7												3	1	1	1					1					5	2
165a. Luxations																											
166. Other accidental traumatisms	14										2	1	3	2	3	2		1								14	
167. Burns and scalds	9			1	4		5							1				2	1							3	6
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing	2	1				1										1										1	1
171. Electrical disturbances																											
172. Accidental submersion	1												1													1	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	5															1	1	2	1							5	
175. Other acute poisonings	2														1	1										1	1
176. Other external violence	4	1				1					2	1														2	2
Total affections, etc.	56	2		1	4	7					4	5	7	6	6	8	3	5	4			1				41	15
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	6	1				1						1		1		1	1		1							1	5
Total ill-defined diseases	6	1				1						1		1		1	1		1							1	5
Total from all causes,	1,013	186	55	29	13	10	203	22	9	17	34	49	55	58	59	45	73	57	59	52	43	41	28	13	6	529	484

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,321. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF JANUARY, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JAN., 1904.	JAN., 1903.	JAN., 1904.	JAN., 1903.		JAN., 1904.	JAN., 1903.	JAN., 1904.	JAN., 1903.
Cholera	—	—	—	—	Measles	721	79	—	—
Chicken-pox	44	19	—	—	Scarlatina	171	141	—	—
Cerebro-spinal Meningitis . .	1	2	—	—	Smallpox	—	39	1	—
Diphtheria and Croup . . .	270	193	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	30	60	—	—
Tuberculosis	150	110	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	2,414
Calves	"	.	.	.	.	.	751
Sheep	"	.	.	.	.	.	1,353
Hogs	"	.	.	.	.	.	1,569

Cattle condemned, 14	.	.	.	.	.	6,165 lbs.
Calves	—	.	.	.	.	—
Sheep	—	.	.	.	.	—
Hogs	—	.	.	.	.	—

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immature)	.	.	.	.	.	.	2,370 lbs.
Beef (tainted)	.	.	.	.	.	.	150 "
Pork "	.	.	.	.	.	.	40 "
Eggs (decayed)	15 doz.

FISH.

Lobsters (decayed)	10 lbs.
Fish	"	40 "

VEGETABLES.

Cranberries	1 bushel
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BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	. . . . .	99	539	5	9	77	—	729
Release	. . . . .	11	52	1	229	304	1	598
TOTALS		110	591	6	238	381	1	1,327
		Positive.		Negative.	Unsat.			
Tuberculosis	. . . . .	48		196	—		244	
Typhoid	. . . . .	9		63	6		78	
Glanders	. . . . .	4		4	7		15	
Other Examinations	. . . . .	2		6	1		9	
		GRAND TOTAL						1,673

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of January, 1904, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.90	25	64	W.	.00	Mean Barometer, 30.06.
2	29.98	9	94	N.	.59	Highest Barometer, 0.85 on the 19th.
3	29.96	3	79	N.	.30	Lowest Barometer, 9.39 on the 9th.
4	30.36	0	68	N.W.	.00	Monthly Range of Barometer, 1.46.
5	30.52	6	68	W.	.00	Mean Temperature, 21.6
6	30.34	16	58	S.W.	.00	Highest Temperature, 46 on the 13th.
7	29.98	26	72	S.W.	*T	Lowest Temperature, 6 on the 19th.
8	29.73	25	92	N.	.13	Monthly Range of Temperature, 52.
9	29.34	30	92	N.W.	.68	Greatest Daily Range of Temperature, 27 on the 17th.
10	29.70	28	82	W.	.00	Least Daily Range of Temperature, 5 on the 21st.
11	30.04	25	81	N.E.	.00	Mean Daily Range of Temperature, 14.9.
12	30.19	28	90	N.	.02	Mean Daily Dew-point, 15.3.
13	29.82	36	94	N.W.	.99	Mean Daily Relative Humidity, 77.2.
14	29.49	37	76	S.W.	.17	Prevailing Direction of Wind, W.
15	29.86	26	63	W.	.00	Total Movement of Wind, 8,583 miles.
16	29.35	27	82	S.	.10	Highest Velocity of Wind and Direction, 37 N.W. on the 17th.
17	29.92	22	72	N.W.	*T	Number of Foggy Days, none. Number of Fair Days, 6.
18	30.50	6	74	N.W.	.00	Number of Clear Days, 12. Number of Cloudy Days, 13.
19	30.80	2	64	N.W.	.00	Total Number of Days on which Rain or Snow fell, 16.
20	30.30	18	84	W.	.06	Depth of Unmelted Snow on ground at end of month, 12.6.
21	30.16	30	86	N.E.	.18	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.08	27	93	E.	.62	Dates of Solar Halos, 6.
23	29.86	30	98	N.W.	.12	Thunder Storm, 13. Dates of Frosts, none.
24	29.94	32	70	W.	.00	Mean Maximum Temperature, 29.0. Mean Minimum Temperature, 14.1.
25	30.39	18	50	W.	.00	MEAN TEMPERATURE for this month in
26	30.19	24	68	E.	.26	Total Precipitation for this Month in Inches.
27	30.12	20	54	W.	.47	1871 26
28	30.54	15	62	W.	.00	1872 27
29	30.20	20	95	N.	.06	1873 26
30	30.18	22	83	N.	.05	1874 31
31	30.04	31	81	S.W.	.00	1875 20
						1876 30
						1877 23
						1878 28
						1879 24
						1880 35
						1881 22
						1882 26
						1883 25
						1884 24
						1885 27
						1886 26
						1887 26
						1888 20
						1889 36
						1890 32
						1891 31
						1892 28
						1893 21
						1894 30
						1895 29
						1896 25
						1897 28
						1898 29
						1899 30
						1900 30
						1901 28
						1902 27
						1903 29
						1904 22
TOTALS.....	—	—	—	—	4.80	
MEANS.....	30.06	21.6	77.2	W.	.155	

* T indicates trace of precipitation.

Average mean temperature for 34 years, 27.

Average monthly precipitation for 34 years, 3.81.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of February, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of February, 1904	905
Population estimated at 600,929	Rate per 1,000 inhabitants, 18.07

Total number 905

SEX.

Males 449

Females 456

CONDITION.

Single 448

Married 273

Widowed 171

Divorced 5

Unknown 8

COLOR.

White 878

Black (Negro or mixed) 23

Indian —

Chinese 4

Japanese —

Total deaths of children,	{	Under 1 year	165
		Under 2 years	197
		Under 5 years	244

Diarrhœal diseases,	{	Under 1 year	9
		Under 2 years	9
		Under 5 years	9
		All ages	12

NATIVITY.

United States 564

Ireland 161

England 13

Scotland 12

Germany 13

British America 72

Italy 12

Russia 19

Sweden 7

Other Countries 19

Unknown 13

PARENTAGE.

United States 186

Irish 282

English 15

Scotch 16

German 21

British American 59

Italian 36

Russian 29

Swedish 10

Other Countries 61

Mixed 54

One parent unknown 59

Unknown 77

Still-births during the month 53

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum .	8													4	1	1	1	1			1					2	6
42. Cancer and other malignant tumors of the genital organs of the female . .	6												1	1		1	1	2									
43. Cancer and other malignant tumors of the breast	7														1	2		1	3								
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	10													1	3		2	2	1		1				4	6	
46. Other tumors (tumors of the female genital organs excepted)																											
47. Rheumatism, acute, articular	2																	2							1	1	
48. Rheumatism, chronic, and gout.	6												1	1			1	2		1					3	3	
49. Scorbutus																											
50. Diabetes	8							1	2				1						1	1	1	1			5	3	
51. Goitre, exophthalmic	1																		1							1	
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis	3													2			1									3	
55. Other general diseases																											
56. Alcoholism, acute and chronic	4													1	2	1										4	
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	272	26	11	13	3	1	54	10	7	5	13	16	22	28	21	18	20	8	23	11	5	3	3	2		130	142
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	1		1				1																			1	
61. Meningitis, simple	15	7		2			9	2			2		1		1											6	9
61a. Meningitis, epidemic cerebrospinal . .	3							1		1								1									3
62. Locomotor ataxia, progressive	2																	1		1					2		
63. Other diseases of the spinal cord . . .	2		1				1										1								2		
64. Cerebral congestion and hemorrhage .	52	1					1	1						2	5	4	5	9	6	7	4	7	1		25	27	
65. Cerebral softening	1																			1					1		
66. Paralysis, without cause assigned . .	5														1	2					2				3	2	
67. General paralysis	4											1	1					1	1						2	2	
68. Other forms of mental alienation . . .																											
69. Epilepsy																											
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	6	5	1				6																			5	1
72. Tetanus	1									1																1	
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system .	3								1						1			1								2	1
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear																											
Total of the nervous system, etc.,	95	13	3	2			18	4	1	1	1	2	1	2	2	7	6	8	12	8	8	6	7	1		100	45
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	5						1					1				1				2						4	1
79. Organic diseases of the heart	89	1	2			3	1	1	2	3	4	3	5	5	5	8	6	13	12	8	1	4	4	1		45	4
80. Angina pectoris	1																				1					1	
81. Affections of the arteries (atheroma, aneurism, etc.)	8								1				1	1				2		1		1	1			4	4
82. Embolism and thrombosis	1																				1					1	
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	1	1				1																					1
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	105	1	1	2		4	2	1	3	3	4	4	6	6	5	9	6	15	12	11	3	5	5	1		55	50
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx	1	1				1																				1	
89. Affections of the thyroid body																											
90. Bronchitis, acute	26	11		2	1	14				2	1		2						5			1	1			13	13
91. Bronchitis, chronic	5												1			1	1			1				1	1	4	
92. Broncho-pneumonia	53	17	9	8		34	3						1		2	2	1	5	2	1				2	23	30	
93. Pneumonia	102	17	7	5	2	34	1		1	5	5	3	4	9	6	7	4	6	3	5	5	1	3		56	46	
94. Pleurisy	3	1				1				1							1								1	2	
95. Pulmonary congestion and apoplexy																											
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	190	46	17	15	3	3	84	4		1	8	6	3	7	10	6	10	8	7	8	13	6	2	4	3	95	95
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa																											
101. Affections of the pharynx	2	1			1	2																					2
102. Affections of the esophagus																											
103. Ulcer of the stomach	4									2	1		1														4
104. Other affections of the stomach (cancer excepted)	3	1				1	2			1																1	2
105. Diarrhœa and enteritis (under two years)	9	9				9																				5	4
105a. Diarrhœa and enteritis, chronic	1																			1						1	
106. Diarrhœa and enteritis (two years and over)	2																			1		1					2
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	9	2				2								2		1	1	1		1		1				3	6
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver	1															1										1	
112. Cirrhosis of the liver	5	1				1								1	1				2							2	3
113. Biliary calculi	1																1										1
114. Other affections of the liver	4	1				1		1									1			1						1	3
115. Affections of the spleen.																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for February, 1904.	AGE.																			SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus.																												
—Concluded.																												
116. Peritonitis, simple (puerperal excepted),	13	2				2	1		1		2	2	1		2	1	1										5	8
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																												
118. Appendicitis and abscess of the iliac fossa	9						2	1					3	1					2								5	4
Total digestive apparatus	63	17		1	1	19	3	2	1	3	3	2	5	1	5	3	4	1	7	1	2		1				24	39
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																												
119. Nephritis, acute	24						2					1	2	2	4	3	2	2	2	3	1						18	6
120. Bright's disease	12								2			2	1	1	1	1	1	2					1				3	9
121. Other diseases of the kidneys and their adnexa	1												1														1	
122. Calculi of the urinary tract	1																					1					1	
123. Diseases of the bladder	3														1						2						3	
124. Diseases of the urethra, urinary abscess, etc.																												
125. Diseases of the prostate	3																				3						3	
126. Non-venereal diseases of the male genital organs																												
127. Metritis																												
128. Hemorrhage, uterine, non-puerperal																												
129. Tumor, uterine, non-cancerous																												
130. Other diseases of the uterus																												
131. Cysts and other tumors of the ovary	1								1																			1
132. Other diseases of the female genital organs																												
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total of genito-urinary	45						2		3		1	4	4	6	4	3	3	4	3	6	1	1					29	16
VII. Puerperal State.																												
134. Accidents of pregnancy																												
135. Hemorrhage, puerperal																												
136. Other accidents of labor	1								1																			1
137. Septicemia, puerperal	2									1			1															2
138. Albuminuria and puerperal eclampsia,	3									3																		3
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death																												
141. Puerperal diseases of the breast																												
Total puerperal	6								1	4			1															6
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene	3		1			1								1					1									3
143. Furuncle (carbuncle)																												
144. Phlegmon, warm abscess																												
145d. Other diseases of the skin and its adnexa																												
Total skin tissue	3		1			1								1					1									3
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous).	1													1														1
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,350. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF FEBRUARY, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	FEB., 1904.	FEB., 1903.	FEB., 1904.	FEB., 1903.		FEB., 1904.	FEB., 1903.	FEB., 1904.	FEB., 1903.
Cholera	—	—	—	—	Measles	789	54	—	—
Chicken-pox	47	29	—	—	Scarlatina	133	121	—	—
Cerebro-spinal Meningitis . .	5	3	—	—	Smallpox	—	20	—	—
Diphtheria and Croup . . .	181	123	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	30	33	—	—
Tuberculosis	189	74	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	.	2,369
Calves	"	.	.	.	.	.	.	843
Sheep	"	.	.	.	.	.	.	294
Hogs	"	.	.	.	.	.	.	1,625
Cattle condemned, 12	.	.	.	.	.	.	.	5,280 lbs.
Calves	"	—	.	.	.	.	.	— "
Sheep	"	—	.	.	.	.	.	— "
Hogs	"	—	.	.	.	.	.	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immature)	.	.	.	.	.	.	2,782 lbs.
Poultry (tainted)	.	.	.	.	.	.	172 "
Pork "	.	.	.	.	.	.	517 "
Veal "	.	.	.	.	.	.	75 "
Beef "	.	.	.	.	.	.	66 "

VEGETABLES.

Apples (decayed)	10 bbls.
------------------	-----------	----------

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		74	427	5	10	59	2	577
Release		11	13	1	127	151	3	306
TOTALS		85	440	6	137	210	5	883
		Positive.		Negative.		Unsat.		
Tuberculosis		62		211		—		273
Typhoid		3		75		5		83
Glanders		1		3		1		5
Other Examinations		—		7		1		8
		GRAND TOTAL						1,252

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of February, 1904, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.43	24	74	W.	.03	Mean Barometer, 30.09.
2	30.04	20	62	W.	.00	Highest Barometer, 30.66 on the 21st.
3	30.06	26	46	W.	.02	Lowest Barometer, 29.22 on the 7th.
4	30.22	16	53	W.	.00	Monthly Range of Barometer, 1.44.
5	30.19	18	62	W.	.00	Mean Temperature, 28.
6	29.94	22	86	N.W.	.33	Highest Temperature, 49 on the 22d.
7	29.55	34	91	S.W.	.05	Lowest Temperature, -1 on the 10th.
8	29.98	26	48	W.	.00	Monthly Range of Temperature, 50.
9	30.38	8	73	N.W.	.00	Greatest Daily Range of Temperature, 33 on the 8th.
10	30.36	12	66	N.W.	.00	Least Daily Range of Temperature, 9 on the 19th.
11	30.38	13	75	N.W.	*T	Mean Daily Range of Temperature, 17.5.
12	30.34	18	71	N.	.00	Mean Daily Dew-point, 13.
13	30.34	24	82	N.	*T	Mean Daily Relative Humidity, 78.
14	30.16	22	86	N.	*T	Prevailing Direction of Wind, W.
15	29.64	22	92	N.W.	.74	Total Movement of Wind, 8,558 miles.
16	29.74	8	64	W.	*T	Highest Velocity of Wind and Direction, 40 W. on the 1st.
17	30.04	13	61	N.W.	.00	Number of Foggy Days, none.
18	30.36	19	61	N.W.	.00	Number of Fair Days, 5.
19	30.20	22	84	S.W.	.17	Number of Clear Days, 12.
20	30.51	25	66	N.W.	*T	Number of Cloudy Days, 12.
21	30.44	30	66	S.	.00	Total Number of Days on which Rain or Snow fell, 11.
22	29.64	40	91	W.	.75	Depth of Unmelted Snow on ground at end of month, 11.0.
23	29.82	36	56	S.W.	.00	Dates of Auroras, none.
24	29.58	33	97	N.	.23	Dates of Lunar Halos, 26.
25	29.88	19	47	N.W.	.02	Dates of Solar Halos, 18.
26	30.32	18	48	N.W.	.00	Thunder Storm, none.
27	30.54	22	72	N.	.01	Dates of Frosts, none.
28	30.24	32	79	S.	.14	Mean Maximum Temperature, 31.3.
29	30.30	34	68	N. E.	.00	Mean Minimum Temperature, 13.8.
30						
31						
TOTALS	—	—	—	—	2.49	
MEANS	30.09	28	78	W.	.071	
						MEAN TEMPERATURE for this month in 1871 29 1872 28 1873 27 1874 28 1875 22 1876 27 1877 32 1878 29 1879 24 1880 32 1881 28 1882 30 1883 29 1884 31 1885 20 1886 27 1887 29 1888 28 1889 26 1890 33 1891 32 1892 28 1893 27 1894 27 1895 25 1896 29 1897 31 1898 33 1899 27 1900 29 1901 24 1902 29 1903 31 1904 23 Total Precipitation for this Month in Inches. 1871 2.63 1872 2.31 1873 3.21 1874 3.41 1875 3.74 1876 4.54 1877 0.45 1878 4.40 1879 4.35 1880 4.11 1881 4.89 1882 4.77 1883 2.74 1884 5.74 1885 3.00 1886 7.04 1887 3.69 1888 2.36 1889 1.54 1890 2.29 1891 3.66 1892 2.15 1893 6.22 1894 3.15 1895 1.11 1896 3.94 1897 2.12 1898 4.81 1899 3.03 1900 6.83 1901 0.66 1902 4.19 1903 3.90 1904 2.49

* T indicates trace of precipitation.

Average mean temperature for 34 years, 28.

Average monthly precipitation for 34 years, 3.51.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of March, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of March, 1904	1,045
Population estimated at 600,929	Rate per 1,000 inhabitants, 20.87

Total number 1,045

SEX.

Males	526
Females	519

CONDITION.

Single	487
Married	371
Widowed	174
Divorced	5
Unknown	8

COLOR.

White	1,020
Black (Negro or mixed)	25
Indian	—
Chinese	—
Japanese	—

Total deaths of children,	{	Under 1 year	182
		Under 2 years	222
		Under 5 years	269

Diarrhœal diseases,	{	Under 1 year	6
		Under 2 years	6
		Under 5 years	8
		All ages	13

NATIVITY.

United States	659
Ireland	202
England	19
Scotland	3
Germany	25
British America	82
Italy	18
Russia	7
Sweden	8
Other Countries	6
Unknown	16

PARENTAGE.

United States	238
Irish	355
English	21
Scotch	6
German	30
British American	64
Italian	45
Russian	24
Swedish	9
Other Countries	47
Mixed	83
One parent unknown	50
Unknown	73
Still-births during the month	62

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1904.	AGE.																		SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
		I. General Diseases.																									
1. Typhoid Fever	5									1		1	2	1												4	1
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	13	10	2		1	13																				10	3
7. Scarlatina	5			1	2	3	2																			3	2
8. Whooping cough	4	2	2			4																				2	2
9. Diphtheria and croup	3				1	1	2																			2	1
9a. Diphtheria	18	3	3	4	1	11	2	2			1	1		1												6	12
10. Grippe	14		1			1				1		1							2	2	2	3	2			3	11
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	5	1				1							2	1					1							2	3
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	10	1			1	2					2		1	1	1	2	1									7	3
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx	2													1			1									1	1
27. Tubercle of the lungs	133	4	1	2	2	9		4	5	19	23	23	14	11	11	5	3	1	2	1	1	1				73	60
28. Tubercle of the meninges	6	2			1	3	2					1														3	3
29. Tubercle, abdominal	2			1		1	2																			2	
30. Pott's disease	1										1																1
31. Abscess, cold and by congestion . . .	1																		1							1	
32. Tumors, white (white swellings). . .																											
33. Tubercle of other organs																											
34. Tubercle, generalized	1		1			1																					1
35. Scrofula	2	1			1	2																				2	
36. Syphilis																											
3. Tertiary	1															1											1
4. Hereditary	4	4				4																				2	2
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child . .																											
39. Cancer and other malignant tumors of the buccal cavity	4														2			1				1				3	1
40. Cancer and other malignant tumors of the stomach and liver	18												1	1		2	2	3	5	3	1					9	9

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1901.	AGE.																		SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	16		1				1							1	1	1	3	1	3	1	3					2	2
42. Cancer and other malignant tumors of the genital organs of the female . . .	5									1						1	1	1	1								
43. Cancer and other malignant tumors of the breast	7												1				2	2	2								
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	12													1	3	2	3	2	1							1	5
46. Other tumors (tumors of the female genital organs excepted)																											
47. Rheumatism, acute, articular	4							1								1		1	1							2	2
48. Rheumatism, chronic, and gout.	3													1		1		1								2	1
49. Scorbutus																											
50. Diabetes	16									1		1	2			2	2	4	3		1					11	5
51. Goitre, exophthalmic	1																		1								1
52. Addison's disease	1													1													1
53. Leukemia	1																	1									1
54. Anemia, chlorosis	1																	1									1
55. Other general diseases	1																1									1	
56. Alcoholism, acute and chronic	8										2	2	1	1		1	1									6	2
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	328	28	10	9	10	1	58	9	6	5	22	30	30	28	22	22	23	21	18	13	11	5	5			169	159
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	1													1													1
61. Meningitis, simple	22	8	5	2	3	1	19			1	1	1														9	13
61a. Meningitis, epidemic cerebrospinal . .	5	4					4		1																	4	1
62. Locomotor ataxia, progressive.																											
63. Other diseases of the spinal cord	5																2		3							3	2
64. Cerebral congestion and hemorrhage . .	54									1				2	5	5	6	9	8	7	5	3	3			26	28
65. Cerebral softening	1																	1									1
66. Paralysis, without cause assigned . . .	3															1					1	1				2	1
67. General paralysis	3									1								1			1					2	1
68. Other forms of mental alienation . . .	2														1				1							1	1
69. Epilepsy	1														1											1	
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	5	4	1				5																			3	2
72. Tetanus	1	1					1																			1	
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system .	7	1					1			2		1				1			1		1					3	4
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear																											
Total of the nervous system, etc.,	110	18	6	2	3	1	30		1	3	3	2		3	8	6	8	11	13	7	5	6	4			55	55
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	3							1									1				1					3	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1904.	AGE.																		SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	6							1	1			1				1				2						1	5
79. Organic diseases of the heart	91		1			1	2	1	1	2	1	2	11	4	5	10	16	8	11	10	3	3				41	56
80. Angina pectoris	4													1					2		1						
81. Affections of the arteries (atheroma, aneurism, etc.)	6															1	1	1	2	1					4	2	
82. Embolism and thrombosis	1												1														1
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	6	4				1	5														1					5	1
86. Other affections of the circulatory appa- ratus																											
Total of circulatory apparatus	117	4	1		1	6	3	2	2	2	1	3	12	5	5	13	17	9	13	16	4	4				54	63
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx	1		1			1																					1
89. Affections of the thyroid body																											
90. Bronchitis, acute	21	8	1	1		10		1					1				1	1		1	1	2	2	1		7	14
91. Bronchitis, chronic	5																									2	3
92. Broncho-pneumonia	44	13	10	2	1	1	27	3			1						3			3	5	1	1			24	20
93. Pneumonia	120	24	12	2	3	1	42	2	1	4	3	2	0	4	13	2	12	6	4	5	6	4	1			67	62
94. Pleurisy	8									1						1	1									3	
95. Pulmonary congestion and apoplexy . .																											
96. Gangrene of the lung	1															1										1	
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory appa- ratus (phthisis excepted)	1										1															1	
Total respiratory apparatus	205	45	23	6	4	2	80	5	2	4	4	5	8	10	4	13	4	17	7	4	12	13	8	4	1	105	100
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa.																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	4												2	2												1	3
104. Other affections of the stomach (cancer excepted)	4	1					1								1			1			1					1	3
105. Diarrhœa and enteritis (under two years)	6	6					6																			2	4
105a. Diarrhœa and enteritis, chronic	2																1			1							2
106. Diarrhœa and enteritis (two years and over)	5			1	1		2								1							1	1				5
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	8	2					2					1		1	1			1	1		1					4	4
109. Other affections of the intestines . .	1																			1							1
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	8												1	1		4	1		1							7	1
113. Biliary calculi	5														1	1						2		1			5
114. Other affections of the liver	1																			1						1	
115. Affections of the spleen.																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for March, 1904.	AGE.																			SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus.																												
—Concluded.																												
116. Peritonitis, simple (puerperal excepted),	10		1			1	3		2		1		1	2													4	6
117. Other affections of the digestive apparatus (cancer and tubercle excepted),								3	2				1		1		1										5	4
118. Appendicitis and abscess of the illac fossa	9																											
Total digestive apparatus	63	9	2	1		12	3	3	2	2	1	3	5	3	6	5	4	2	4	2	3	1	2				25	38
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																												
119. Nephritis, acute	42						1	2		2	5	2	1	3	6	4	3	5	2	2	3		1				27	15
120. Bright's disease	17		1			1				1	2	2	2	2	2	2	1	1		1							6	11
121. Other diseases of the kidneys and their adnexa																												
122. Calculi of the urinary tract	1														1												1	
123. Diseases of the bladder	1																				1						1	
124. Diseases of the urethra, urinary abscess, etc.																												
125. Diseases of the prostate	2											1		1													2	
126. Non-venereal diseases of the male genital organs																												
127. Metritis																												
128. Hemorrhage, uterine, non-puerperal	2										1	1																2
129. Tumor, uterine, non-cancerous																												
130. Other diseases of the uterus	1									1																		1
131. Cysts and other tumors of the ovary	4												1	1	1			1										4
132. Other diseases of the female genital organs																												
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total genito-urinary	70		1			1		1	2	4	8	6	4	7	10	6	4	7	2	3	4		1				37	38
VII. Puerperal State.																												
134. Accidents of pregnancy																												
135. Hemorrhage, puerperal																												
136. Other accidents of labor	1											1																1
137. Septicemia, puerperal	2								1		1																	2
138. Albuminuria and puerperal eclampsia,	1									1																		1
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death																												
141. Puerperal diseases of the breast																												
Total puerperal	4									1	1	1	1															4
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene																												
143. Furuncle (carbuncle)	1	1				1																					1	
144. Phlegmon, warm abscess	2												1		1												2	
145d. Other diseases of the skin and its adnexa																												
Total skin tissue	3	1				1								1		1											3	
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous)	2		1	1		2																					1	1
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.— Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion	2		1	1		2																				1	1
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	3	3				3																				3	
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	70	70				70																				38	32
152. Other diseases appertaining to infancy,	4	4				4																				2	2
153. Lack of care																											
Total early infancy	74	74				74																				40	34
XII. Old Age.																											
154. Senile debility	22																		1	2	3	10	3	3		9	13
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	2									1	1																2
156. Suicide by asphyxia	1									1																1	
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms	1															1										1	
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places	1										1																1
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	3						1				1										1					2	1
165a. Luxations																											
166. Other accidental traumatisms	11						1				2	2	1		1	1	1	1	1							8	3
167. Burns and scalds	7		1		1	2	2									1	1				1					4	3
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition	1																1									1	
174. Absorption of deleterious gases (suicide excepted)	1													1												1	
175. Other acute poisonings	4								1			1		1		1										2	2
176. Other external violence	6						1		1	1		1		2												3	3
Total affections, etc.	38		1		1	2	4	1	1	3	6	2	3	1	4	2	4	2	1		2					23	15
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	6							1				2			2		1									2	4
Total ill-defined diseases	6							1				2			2		1									2	4
Total from all causes,	1,045	182	40	23	18	6	269	24	17	19	37	50	55	70	43	63	68	80	56	50	50	39	36	9	5	526	519

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,369. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF MARCH, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle condemned,	12	.	.	.	.	.	5,125	lbs.
Calves	"	—	.	.	.	.	—	"
Sheep	"	—	.	.	.	.	—	"
Hogs	"	1	.	.	.	.	210	"

MEATS..

FISH.

VEGETABLES.

Potatoes (decayed)	.	.	.	.	.	1 bbl.
Onions	"	.	.	.	.	57 bushels.
Apples,	"	.	.	.	.	1 "
Cranberries,	"	.	.	.	.	1 "

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	93	473	10	10	66	1	653
Release	13	23	—	104	163	3	306
TOTALS	106	496	10	114	229	4	959
		Positive.		Negative.	Unsat.			
Tuberculosis	57		247	—			304
Typhoid	2		72	—			74
Glanders	5		5	5			15
Other Examinations	8		15	—			23
GRAND TOTAL . . .								1,375

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of March, 1904, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.			
1	30.26	30	98	E.	.38	Mean Barometer, 30.09.			
2	30.27	32	82	S.	.01	Highest Barometer, 30.96 on the 5th.			
3	29.61	37	96	S.W.	.42	Lowest Barometer, 29.50 on the 3d.			
4	30.33	17	46	N.W.	.04	Monthly Range of Barometer, 1.46.			
5	30.87	14	56	N.	*T	Mean Temperature, 35.			
6	30.66	28	72	S.	.00	Highest Temperature, 70 on the 26th.			
7	30.06	40	93	S.	.20	Lowest Temperature, 8 on the 3d.			
8	29.57	46	86	W.	.56	Monthly Range of Temperature, 62.			
9	29.72	28	52	W.	.00	Greatest Daily Range of Temperature, 33 on the 26th.			
10	29.99	24	43	N.W.	.00	Least Daily Range of Temperature, 4 on the 15th.			
11	29.75	28	53	N.	*T	Mean Daily Range of Temperature, 14.7.			
12	29.64	29	48	N.W.	.00	Mean Daily Dew-point, 24.7.			
13	29.84	28	49	N.W.	.00	Mean Daily Relative Humidity, 67.6.			
14	30.00	30	53	W.	.00	Prevailing Direction of Wind, N.W.			
15	29.76	32	98	N.	.15	Total Movement of Wind, 8,617 miles.			
16	30.00	28	64	N.W.	.01	Highest Velocity of Wind and Direction, 39 W. on the 3d.			
17	30.34	30	49	N.W.	.00	Number of Foggy Days, none.			
18	29.90	33	92	S.E.	.30	Number of Fair Days, 6.			
19	29.92	40	60	W.	.00	Number of Clear Days, 12.			
20	29.80	40	67	W.	.05	Number of Cloudy Days, 13.			
21	30.31	37	52	N.W.	.00	Total Number of Days on which Rain or Snow fell, 18.			
22	30.04	42	90	S.	.08	Depth of Unmelted Snow on ground at end of month, T.			
23	29.95	48	74	W.	.16	Dates of Auroras, none.			
24	30.42	47	48	W.	.00	Dates of Lunar Halos, none.			
25	30.28	48	80	S.W.	*T	Dates of Solar Halos, none.			
26	29.62	54	62	S.W.	*T	Thunder Storm, none.			
27	30.05	36	64	W.	.00	Dates of Frosts, none.			
28	30.16	34	78	S.E.	*T	Mean Maximum Temperature, 41.9.			
29	30.28	34	54	N.W.	.00	Mean Minimum Temperature, 27.2.			
30	30.42	41	54	S.	.00				
31	30.36	36	86	E.	.07				
TOTALS.....						2.43			
MEANS.....						.078			
						MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
						1871	42	1871	4.55
						1872	27	1872	4.05
						1873	35	1873	3.76
						1874	35	1874	1.60
						1875	31	1875	5.04
						1876	33	1876	7.19
						1877	34	1877	9.79
						1878	39	1878	5.91
						1879	33	1879	3.90
						1880	33	1880	3.25
						1881	36	1881	9.86
						1882	35	1882	3.35
						1883	31	1883	2.33
						1884	34	1884	4.86
						1885	28	1885	1.15
						1886	34	1886	3.20
						1887	32	1887	3.86
						1888	32	1888	3.32
						1889	32	1889	1.19
						1890	38	1890	5.88
						1891	34	1891	3.94
						1892	33	1892	3.91
						1893	34	1893	2.80
						1894	42	1894	1.01
						1895	35	1895	2.72
						1896	32	1896	5.41
						1897	37	1897	2.79
						1898	43	1898	1.82
						1899	34	1899	5.95
						1900	34	1900	4.60
						1901	36	1901	6.58
						1902	43	1902	5.29
						1903	44	1903	5.95
						1904	35	1904	2.43

* T indicates trace of precipitation.

Average mean temperature for 34 years, 34.

Average monthly precipitation for 34 years, 4.21.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of April, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of April, 1904 998
Population estimated at 600,929 Rate per 1,000 inhabitants, 19.93

Total number 998

SEX.

Males 531

Females 467

CONDITION.

Single 498

Married 322

Widowed 169

Divorced 3

Unknown 6

COLOR.

White 953

Black (Negro or mixed) 42

Indian —

Chinese 3

Japanese —

Total deaths of children, { Under 1 year 197
Under 2 years 247
Under 5 years 289

Diarrhœal diseases, { Under 1 year 25
Under 2 years 26
Under 5 years 28
All ages 31

NATIVITY.

United States 623

Ireland 195

England 18

Scotland 8

Germany 21

British America 73

Italy 17

Russia 9

Sweden 9

Other Countries 16

Unknown 9

PARENTAGE.

United States 221

Irish 290

English 23

Scotch 12

German 28

British American 43

Italian 56

Russian 24

Swedish 12

Other Countries 82

Mixed 66

One parent unknown 68

Unknown 73

Still-births during the month 50

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1904.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
1. General Diseases.																												
1. Typhoid Fever	4											1	1	2													3	1
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola																												
6. Measles	13	1	10	2			13																				9	4
7. Scarlatina	1							1																			1	
8. Whooping cough	2		2				2																					2
9. Diphtheria and croup	1				1		1																					1
9a. Diphtheria	21	1	5	3		4	13	5	1	1			1														9	12
10. Grippe	13	1	1	1			3							1	1		1		3	1	2	1					6	7
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras																												
14. Dysentery																												
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	14	3					3					1		2	2	3		1			1	1				6	8	
19. Other epidemic affections	7	1					1				1					1	1	1	1	1						4	3	
20. Purulent infection and septicemia . .																												
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc. . . .																												
25. Pellagra																												
26. Tubercle of the larynx																												
27. Tubercle of the lungs	122	6	3	1	2	1	13	1	1	9	10	21	16	15	14	9	5	1	4		3					68	54	
28. Tubercle of the meninges	10	1	2	3		2	8	1									1									6	4	
29. Tubercle, abdominal	2	1	1				2																			2		
30. Pott's disease	2			2			2																			1	1	
31. Abscess, cold and by congestion																												
32. Tumors, white (white swellings). . . .																												
33. Tubercle of other organs																												
34. Tubercle, generalized																												
35. Scrofula																												
36. Syphilis																												
3. Tertiary																												
4. Hereditary																												
37. Blennorrhagia of the adult																												
38. Gonococcal infections of the child . .																												
39. Cancer and other malignant tumors of the buccal cavity																												
40. Cancer and other malignant tumors of the stomach and liver	17														1	2	1	2	3	2	1	4	1				11	6

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1904.	AGE.																			SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum .	8	1		1		2							1	1	3	1											3	5
42. Cancer and other malignant tumors of the genital organs of the female . .	1															1											1	
43. Cancer and other malignant tumors of the breast	6												1	1		1	1	2									6	
44. Cancer and other malignant tumors of the skin																												
45. Cancer and other malignant tumors of organs not specified	7	1				1			1				1				2	1	1								2	5
46. Other tumors (tumors of the female genital organs excepted)																												
47. Rheumatism, acute, articular	7						1	1	2					1	1							1				5	2	
48. Rheumatism, chronic, and gout. . . .	1													1													1	
49. Scorbutus																												
50. Diabetes	14								1			1	1		1	3	1	3	2	1						9	5	
51. Goitre, exophthalmic	3										1		1	1													3	
52. Addison's disease																												
53. Leukemia	1														1												1	
54. Anemia, chlorosis	2														1			1									2	
55. Other general diseases																												
56. Alcoholism, acute and chronic	6									1		2	1			1	1									4	2	
57. Saturnism	1														1												1	
58. Other trade intoxications																												
59. Other chronic poisonings																												
Total general diseases	288	19	24	12	4	7	66	9	3	14	11	24	22	25	22	19	20	12	15	8	11	4	3			152	136	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis																												
61. Meningitis, simple	18	6	4	3	1	14			2		1		1													14	4	
61a. Meningitis, epidemic cerebrospinal . .	2				1	1							1													2		
62. Locomotor ataxia, progressive	1																	1								1		
63. Other diseases of the spinal cord . . .	3												1	1						1						3		
64. Cerebral congestion and hemorrhage . .	52		1			1							1	3	2	8	4	8	10	6	4	4	1		30	22		
65. Cerebral softening																												
66. Paralysis, without cause assigned . . .	4													1	1		1				1				2	2		
67. General paralysis	4											1	2		1										3	1		
68. Other forms of mental alienation . . .																												
69. Epilepsy	1							1																		1		
70. Eclampsia (non-puerperal)																												
71. Convulsions of children	11	10	1			11																				7	4	
72. Tetanus	2									1			1													1	1	
73. Chorea																												
74. Hysteria																												
74b. Other affections of the nervous system .	5		1			1							2			1		1							4	1		
75. Diseases of the eye and appendages . .																												
76. Diseases of the ear	1										1															1		
Total of the nervous system, etc.,	104	16	7	3	2	28		1	2	1	2	1	8	2	5	4	8	7	8	11	6	5	4	1		69	35	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis	1																			1							1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1904.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78. Endocarditis, acute	6							1			1			1						1				1	1	1	5
79. Organic diseases of the heart	110	6			1	7	3	1	4	5	2		6	6	10	6	8	18	9	9	8	3	3	2	53	57	
80. Angina pectoris	3		1			1													1	1					3		
81. Affections of the arteries (atheroma, aneurism, etc.)	9											1					4		1	2	1				5	4	
82. Embolism and thrombosis	4											1					1		1	1					2	2	
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	4	3				3																1			2	2	
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	137	9	1		1	11	3	2	4	5	2	1	8	6	11	6	13	18	13	14	9	4	4	3	66	71	
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx	1										1														1		
89. Affections of the thyroid body	2																	1	1							2	
90. Bronchitis, acute	26	9	2	1		12	1										3		1	4	2	3			11	15	
91. Bronchitis, chronic	2						1													1					2		
92. Broncho-pneumonia	52	18	6	4		1	29	1			1	1	3		5	1	1	1	2	3	1	1	1	1	20	23	
93. Pneumonia	95	18	7		1	26	4	1	2	2	3	7	5	7	2	5	8	6	4	5	3	4	1		48	47	
94. Pleurisy	5													4			1								3	2	
95. Pulmonary congestion and apoplexy	1											1													1		
96. Gangrene of the lung																											
97. Asthma	1																1								1		
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)	1																	1							1		
Total respiratory apparatus	186	45	15	5	1	1	67	7	1	2	2	5	8	9	11	7	6	14	9	8	13	6	8	2	1	97	89
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa																											
101. Affections of the pharynx	2	1				1												1							2		
102. Affections of the esophagus																											
103. Ulcer of the stomach																											
104. Other affections of the stomach (cancer excepted)	5	1	1			2															3				2	3	
105. Diarrhœa and enteritis (under two years)	26	25	1			26																			11	15	
105a. Diarrhœa and enteritis, chronic	3													1	1					1					3		
106. Diarrhœa and enteritis (two years and over)	2				1	1	2																		1	1	
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	3	1				1				1			1												1	2	
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver																				1					1		
113. Biliary calculi	1																										
114. Other affections of the liver	5											1	1			1		1	1		1				1	4	
115. Affections of the spleen.																											

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.— Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion	2	1					1																	1			2
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	6	6					6																			3	3
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	60	60					60																			38	22
152. Other diseases appertaining to infancy,	2	8					8																			6	2
153. Lack of care																											
Total early infancy	68	68					68																			44	24
XII. Old Age.																											
154. Senile debility	24																		1	3	5	8	4	3	28	16	
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	4										1	1							2							3	1
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms	4													2	2											4	
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	3														1		1	1								2	1
165a. Luxations																											
166. Other accidental traumatisms	21		1	1		1	3			1	1	3	1	3	3	1	2	2		1						18	3
167. Burns and scalds	5							1										1	2		1						5
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	6											1	2	2						1						6	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	1											1														1	
175. Other acute poisonings	4	1					1			1		1	1													2	2
176. Other external violence	3											2					1									2	1
Total affections, etc.	51	1	1	1		1	4	1		2	1	7	4	3	8	4	3	2	4	2	4	1	1			38	13
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	4	1					1			1					1					1						3	1
Total ill-defined diseases	4	1					1			1					1					1						3	1
Total from all causes,	998	197	50	23	8	11	2-0	21	9	27	29	47	48	63	58	51	49	52	62	45	59	36	30	15	8	531	467

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52; macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. *Tenement houses, four or more families, 5,369. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF APRIL, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

Beef (tainted)	702 lbs.
Veal (tainted)	40 "
Veal immatured (96)	3,611 "
Pork	20 "
Mutton (tainted)	100 "
Poultry (tainted)	150 "
Eggs	71 "

Apples (decayed)	1 bushel.
Miscellaneous (decayed)	5 barrels.

Lobsters (decayed)	15 lbs.
--------------------	---------

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		97	343	7	8	43	4	502
Release		11	28	1	93	172	3	308
TOTALS		108	371	8	101	215	7	810
		Positive.		Negative.	Unsat.			
Tuberculosis		60		256	—			316
Typhoid		6		62	9			77
Glanders		6		2	4			12
Other Examinations		1		18	5			24
		GRAND TOTAL . . .						1,239

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of April, 1904, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.06	39	92	E.	1.15	Mean Barometer, 29.97.
2	29.74	49	69	W.	.00	Highest Barometer, 30.49 on the 23d.
3	29.94	36	48	N.W.	.00	Lowest Barometer, 29.57 on the 10th.
4	30.24	39	37	W.	.00	Monthly Range of Barometer, 0.92.
5	30.15	50	35	N.W.	.00	Mean Temperature, 44.
6	30.16	46	60	E.	.00	Highest Temperature, 70 on the 30th.
7	30.04	48	64	S.E.	.13	Lowest Temperature, 26 on the 4th.
8	30.20	47	78	E.	.00	Monthly Range of Temperature, 44.
9	29.86	42	95	N.E.	.59	Greatest Daily Range of Temperature, 32 on the 19th.
10	29.61	54	72	S.W.	.78	Least Daily Range of Temperature, 5 on the 9th.
11	29.76	50	64	S.W.	.06	Mean Daily Range of Temperature, 15.9.
12	29.74	48	77	S.W.	.30	Mean Daily Dew-point, 33.4.
13	29.88	40	46	W.	.00	Mean Daily Relative Humidity, 67.8.
14	29.99	36	42	W.	*T	Prevailing Direction of Wind, W.
15	30.06	42	52	W.	.00	Total Movement of Wind, 7,743 miles.
16	29.79	35	79	N.E.	.25	Highest Velocity of Wind and Direction, 32 N.E. on the 27th.
17	30.19	38	46	W.	.00	Number of Foggy Days, 2. Number of Fair Days, 8.
18	30.00	46	63	S.W.	.00	Number of Clear Days, 10. Number of Cloudy Days, 12.
19	29.76	44	75	W.	*T	Total Number of Days on which Rain or Snow fell, 13.
20	29.69	32	92	W.	.44	Depth of Unmelted Snow on ground at end of month, none.
21	30.09	44	49	N.W.	*T	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.46	43	52	N.W.	.00	Dates of Solar Halos, none.
23	30.44	46	38	W.	.00	Thunder Storm, none. Dates of Frosts, none.
24	30.18	50	59	S.W.	.00	Mean Maximum Temperature, 52.6. Mean Minimum Temperature, 36.7.
25	29.73	57	66	S.	.05	
26	29.92	50	78	E.	.00	
27	30.17	42	92	N.E.	1.15	
28	30.06	44	100	N.E.	2.97	
29	29.80	48	100	N.E.	1.09	
30	29.70	58	86	W.	.18	
31						
TOTALS.....	—	—	—	—	9.14	
MEANS.....	29.97	45	67.8	W.	.304	
						MEAN TEMPERATURE for this month in 1871 47 1872 45 1873 47 1874 37 1875 42 1876 43 1877 44 1878 47 1879 42 1880 46 1881 43 1882 42 1883 44 1884 43 1885 46 1886 48 1887 44 1888 42 1889 48 1890 46 1891 48 1892 48 1893 44 1894 47 1895 46 1896 47 1897 49 1898 44 1899 48 1900 49 1901 44 1902 48 1903 48 1904 45 Total Precipitation for this Month in Inches. 1871 3.79 1872 1.31 1873 3.83 1874 7.97 1875 4.92 1876 3.61 1877 4.19 1878 6.14 1879 6.58 1880 2.85 1881 1.66 1882 2.50 1883 2.83 1884 4.76 1885 3.30 1886 1.70 1887 2.62 1888 2.04 1889 3.07 1890 2.29 1891 1.71 1892 0.93 1893 3.13 1894 3.78 1895 3.65 1896 1.56 1897 3.17 1898 6.39 1899 1.29 1900 1.90 1901 7.43 1902 2.87 1903 4.43 1904 9.14

* T indicates trace of precipitation.

Average mean temperature for 34 years, 45°.

Average monthly precipitation for 34 years, 3.63.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of May, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of May, 1904	904
Population estimated at 600,929	Rate per 1,000 inhabitants, 18.05

Total number	904
SEX.	
Males	462
Females	442
CONDITION.	
Single	434
Married	274
Widowed	176
Divorced	5
Unknown	15
COLOR.	
White	875
Black (Negro or mixed)	26
Indian	—
Chinese	3
Japanese	—
Total deaths of children,	Under 1 year 130
	Under 2 years 177
	Under 5 years 213
Diarrhœal diseases,	Under 1 year 10
	Under 2 years 12
	Under 5 years 13
	All ages 15

NATIVITY.	
United States	574
Ireland	157
England	16
Scotland	7
Germany	11
British America	69
Italy	17
Russia	17
Sweden	5
Other Countries	16
Unknown	15

PARENTAGE.	
United States	214
Irish	283
English	18
Scotch	11
German	14
British American	46
Italian	49
Russian	30
Swedish	7
Other Countries	60
Mixed	48
One parent unknown	51
Unknown	73
Still-births during the month	66

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1904.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																													
1. Typhoid Fever	5										2	1	1	1													4	1	
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia																													
4a. Malarial cachexia																													
5. Variola																													
6. Measles	8	2	6				8																				3	5	
7. Scarletina	2			1			1		1																		2		
8. Whooping cough	3	3					3																				1	2	
9. Diphtheria and croup																													
9a. Diphtheria	15		4	3	2	1	10		4	1																	8	7	
10. Grippe	1																					1						1	
11. Miliary Fever																													
12. Asiatic Cholera																													
13. Cholera nostras																													
14. Dysentery																													
14a. Dysentery, epidemic																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	5	3					3												1		1						3	2	
19. Other epidemic affections																													
20. Purulent infection and septicemia . .	6	3	1				4		1									1									2	4	
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc. . . .																													
25. Pellagra																													
26. Tubercle of the larynx																													
27. Tubercle of the lungs	124	4		1			5	1	1	11	20	18	15	17	12	7	9	3	1		3	1					70	54	
28. Tubercle of the meninges	15	1	6	3	3		13	1		1																	6	9	
29. Tubercle, abdominal																													
30. Pott's disease																													
31. Abscess, cold and by congestion . . .																													
32. Tumors, white (white swellings). . .																													
33. Tubercle of other organs																													
34. Tubercle, generalized	2		1				1		1																		1	1	
35. Scrofula																													
36. Syphilis																													
3. Tertiary																													
4. Hereditary	2	2					2																				1	1	
37. Bleorrhagia of the adult																													
38. Gonococcal infections of the child . .																													
39. Cancer and other malignant tumors of the buccal cavity	5														1	1		1			2						4	1	
40. Cancer and other malignant tumors of the stomach and liver	9														2	2		1		2	1			1			4	5	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1904.	AGE.																				SEX.					
		Under 1 year.																				Males.	Females.				
			1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.			75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum .	11		1			1	1						1	2	1	1		1		1	1	1			5	6	
42. Cancer and other malignant tumors of the genital organs of the female . .	9													2	2	1	2	1	1							9	
43. Cancer and other malignant tumors of the breast	7												1		2			1	1	1	1						
44. Cancer and other malignant tumors of the skin	1																		1					1			
45. Cancer and other malignant tumors of organs not specified	8												1		1	2		2		2					2	6	
46. Other tumors (tumors of the female genital organs excepted)																											
47. Rheumatism, acute, articular	5	1				1	1					1					2								3	2	
48. Rheumatism, chronic, and gout.	1																			1						1	
49. Scorbutus																											
50. Diabetes	5													1			1		1	1	1				3	2	
51. Goitre, exophthalmic																											
52. Addison's disease																											
53. Leukemia	2											1							1						1	1	
54. Anemia, chlorosis	3																1	1				1				3	
55. Other general diseases																											
56. Alcoholism, acute and chronic	8										1	1	2	1	1	2									6	2	
57. Saturnism	1																			1					1		
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	263	19	18	9	5	1	52	8	5	12	23	24	21	25	24	11	18	9	8	8	10	4		1	131	132	
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	18	4	6		2	1	13		2					1					2						8	10	
61a. Meningitis, epidemic cerebrospinal . .	2										1	1													2		
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord	1																1								1		
64. Cerebral congestion and hemorrhage . .	51												2	1	4	2	3	4	8	8	10	4	3	1	1	27	24
65. Cerebral softening	1																		1								
66. Paralysis, without cause assigned . . .	7												1	1	1					1	2	1			3		
67. General paralysis	2									1				1											1	1	
68. Other forms of mental alienation . . .	2													1			1									2	
69. Epilepsy	2																		1			1			1	1	
70. Eclampsia (non-puerperal)	1									1																1	
71. Convulsions of children	7	5	2				7																		2	5	
72. Tetanus	1	1					1																			1	
73. Chorea	1																	1							1		
74. Hysteria																											
74b. Other affections of the nervous system .	11										1	2		2	1	1		2	1		1				3	8	
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear	2	1					1												1							2	
Total of the nervous system, etc.,	109	11	8		2	1	22		2	1	3	3	2	7	6	4	5	7	14	9	13	6	3	1	1	49	60
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	2													2												2	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1904.	AGE.																		SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78. Endocarditis, acute	5								1	1								2		1						2	3
79. Organic diseases of the heart	79	3			2	1	6	4	2	2	2	2	2	4	4	5	8	5	14	5	4	6	1	1		32	47
80. Angina pectoris	3										1					1		1								2	
81. Affections of the arteries (atheroma, aneurism, etc.)	7													1	1				1	1	1	2				4	3
82. Embolism and thrombosis	4											2				1	1									2	2
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)	1																				1						1
84. Affections of the lymphatic system (lymphangitis, etc.)	1	1					1																			1	
85. Hemorrhages																											
86. Other affections of the circulatory appa- ratus																											
Total of circulatory apparatus	102	4			2	1	7	4	2	3	3	3	6	2	5	5	7	9	8	15	7	6	5	1	1	43	59
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx	1															1											1
89. Affections of the thyroid body																											
90. Bronchitis, acute	5	1		1		2												3								2	3
91. Bronchitis, chronic	6	1				1				1				1			1		1	1						4	2
92. Broncho-pneumonia	29	2	8	3		1	20	2		1	1	1	1					2			1					17	12
93. Pneumonia	91	12	9	2	1	24	1		1	3	6	4	5	4	2	8	10	4	7	3	2	4	2	1		50	41
94. Pleurisy	4										1	1	1				1									2	2
95. Pulmonary congestion and apoplexy .																											
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory appa- ratus (phthisis excepted)	1													1												1	
Total respiratory apparatus	137	22	17	6	1	1	47	3		1	5	8	6	7	6	2	9	11	5	12	4	3	5	2	1	76	61
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa.																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	2													1		1										1	1
104. Other affections of the stomach (cancer excepted)	4	1	1			2					1									1						2	2
105. Diarrhœa and enteritis (under two years)	12	10	2			12																				10	2
105a. Diarrhœa and enteritis, chronic . . .	1																									1	
106. Diarrhœa and enteritis (two years and over)	2			1		1	1																			1	1
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions . . .	7	1				1			1						1	1	1		1		1					3	4
109. Other affections of the intestines . .																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	5											1	1			1		1	1							3	2
113. Biliary calculi	1																1										1
114. Other affections of the liver	4										1		1		1	1										4	
115. Affections of the spleen.																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for May, 1934.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus. —Concluded.																												
116. Peritonitis, simple (puerperal excepted),	7								1		2	1	2	1													2	5
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																												
118. Appendicitis and abscess of the iliac fossa	13						1	1			2	1	1	1	3	1	1		1								8	5
Total digestive apparatus	58	12	3		1	16	2	1	2		5	4	5	3	5	6	2	1	3		3						35	23
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																												
119. Nephritis, acute	46			1	1	2				1	2	2	2	5	4	2	1	7	7	3	2	2	4				22	24
120. Bright's disease	15									2	2		1		2		1	1	5	1							8	7
121. Other diseases of the kidneys and their adnexa																												
122. Calculi of the urinary tract																												
123. Diseases of the bladder	5	1				1					1							1		1			1				4	1
124. Diseases of the urethra, urinary abscess, etc.																												
125. Diseases of the prostate	6																	1	2	2					1		6	
126. Non-venereal diseases of the male genital organs																												
127. Metritis																												
128. Hemorrhage, uterine, non-puerperal																												
129. Tumor, uterine, non-cancerous	2												1	1														2
130. Other diseases of the uterus	2							1							1													2
131. Cysts and other tumors of the ovary	5										1	1	1	2														5
132. Other diseases of the female genital organs																												
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total of genito-urinary	81	1		1	1	3			1	3	6	3	5	8	7	2	3	9	15	6	2	2	5	1			40	41
VII. Puerperal State.																												
134. Accidents of pregnancy																												
135. Hemorrhage, puerperal																												
136. Other accidents of labor	4									1		3																4
137. Septicemia, puerperal	4									1	2	1																4
138. Albuminuria and puerperal eclampsia,	2											1	1															2
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death																												
141. Puerperal diseases of the breast																												
Total puerperal	10									2	2	5	1															10
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene	2																1					1					1	1
143. Furuncle (carbuncle)																												
144. Phlegmon, warm abscess	1										1																1	
145d. Other diseases of the skin and its adnexa																												
Total skin tissue	3										1						1					1					2	1
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous)	1															1											1	
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1904.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	1													1													1	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	1	1					1																				1	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	51	51					51																				25	26
152. Other diseases appertaining to infancy,	6	6					6																				4	2
153. Lack of care																												
Total early infancy	57	57					57																				29	28
XII. Old Age.																												
154. Senile debility	22																			3	6	3	9	1			10	12
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	1										1																1	
156. Suicide by asphyxia	1													1													1	
157. Suicide by hanging or strangulation																												
158. Suicide by submersion																												
159. Suicide by firearms	2											1					1										2	
160. Suicide by cutting instruments	1																1										1	
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	2							1				1															1	1
165a. Luxations																												
166. Other accidental traumatisms	25						1	1	5		1	3	2	3	3	1	3	1		1		1					22	3
167. Burns and scalds	2				1		1						1															2
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances	1																1										1	
172. Accidental submersion	4								1							1	1		1								4	
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)																												
175. Other acute poisonings	2				1		1												1								2	
176. Other external violence	5							1							1	1			1	1							5	
Total affections, etc.	46				2	1	3	7	1	1	4	3	5	3	3	5	4	1	3	2		1					40	6
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	14	3	1		1		5		1		1		1	1		3	1		1								6	8
Total ill-defined diseases	14	3	1		1		5		1		1		1	1		3	1		1								6	8
Total from all causes,	204	130	47	16	15	5	213	24	12	21	44	55	53	56	56	42	52	43	49	67	46	28	28	11	4	402	442	

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,386. Daily consumption of water (Metropolitan system). Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF MAY, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

Veal (immatured)	2,326 lbs.
Poultry (tainted)	88 "
Beef (tainted)	75 "

Fish (decayed)	20 lbs.
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Strawberries (decayed)	604 quarts.
Asparagus (decayed)	220 bunches.
Radishes (decayed)	11 lbs.
Miscellaneous (decayed)	10 bushels.

DIPHTHERIA.						PRIMARY.			SECONDARY.			TOTALS.
						Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	109	295	9	6	27	1	447
Release	14	31	—	83	168	4	300
TOTALS						123	326	9	89	195	5	747
						Positive.		Negative.		Unsat.		
Tuberculosis	53		252		—		305
Typhoid	1		80		2		83
Glanders	3		4		6		13
Other Examinations	6		23		—		29
						GRAND TOTAL						1,177

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of May, 1904, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.98	50	74	S.E.	.00	Mean Barometer, 30.00.
2	30.30	51	61	E.	.00	Highest Barometer, 30.39 on the 3rd.
3	30.36	54	50	S.W.	.00	Lowest Barometer, 29.67 on the 9th.
4	30.25	64	51	S.W.	.00	Monthly Range of Barometer, 0.72.
5	30.05	69	48	W.	.00	Mean Temperature, 61.
6	30.24	56	40	N.E.	.00	Highest Temperature, 87 on the 26th.
7	30.18	65	70	S.W.	.00	Lowest Temperature, 43 on the 3rd.
8	30.02	68	69	S.W.	.00	Monthly Range of Temperature, 44.
9	29.76	54	96	E.	.91	Greatest Daily Range of Temperature, 32 on the 7th.
10	29.89	61	88	E.	.12	Least Daily Range of Temperature, 2 on the 13th.
11	30.06	58	88	N.E.	.14	Mean Daily Range of Temperature, 17.
12	30.10	58	75	S.E.	.00	Mean Daily Dew-point, 49.
13	30.08	58	79	E.	.00	Mean Daily Relative Humidity, 70.
14	30.06	52	92	N.E.	*T	Prevailing Direction of Wind, S.W.
15	29.82	49	94	N.E.	*T	Total Movement of Wind, 7,335 miles.
16	29.80	56	70	W.	.27	Highest Velocity of Wind and Direction, 30 W. on the 16th.
17	30.02	58	62	S.W.	.00	Number of Foggy Days, none. Number of Fair Days, 9.
18	29.95	52	94	N.E.	.12	Number of Clear Days, 14. Number of Cloudy Days, 8.
19	29.82	49	93	N.	.98	Total Number of Days on which Rain or Snow fell, 13.
20	29.70	60	78	S.W.	.03	Depth of Unmelted Snow on ground at end of month, none.
21	29.84	66	56	W.	*T	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.96	68	60	S.W.	.00	Dates of Solar Halos, none.
23	29.98	67	60	S.W.	.00	Thunder Storm, 12th, 25th, 26th, 27th. Dates of Frosts, none.
24	29.98	72	60	S.W.	.01	Mean Maximum Temperature, 69.5. Mean Minimum Temperature, 52.2.
25	30.12	66	74	E.	.19	MEAN TEMPERATURE for this month in
26	29.87	77	68	S.W.	.03	Total Precipitation for this Month in Inches.
27	29.74	70	68	S.W.	.31	1871 58
28	30.02	64	48	W.	.00	1872 58
29	30.08	64	48	S.W.	.00	1873 56
30	29.96	67	60	S.W.	.24	1874 57
31	29.99	67	90	S.E.	.03	1875 58
						1876 54
						1877 55
						1878 56
						1879 60
						1880 63
						1881 55
						1882 50
						1883 56
						1884 54
						1885 52
						1886 56
						1887 59
						1888 52
						1889 60
						1890 57
						1891 56
						1892 56
						1893 56
						1894 58
						1895 60
						1896 60
						1897 58
						1898 56
						1899 58
						1900 55
						1901 54
						1902 58
						1903 59
						1904 61
TOTALS	—	—	—	—	3.38	
MEANS	30.00	61	70	S.W.	.109	

* T indicates trace of precipitation.

Average mean temperature for 34 years, 57.

Average monthly precipitation for 34 years, 3.48.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of June, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of June, 1904	696
Population estimated at 600,929	Rate per 1,000 inhabitants, 13.90

Total number	696	NATIVITY.	
SEX.		United States	443
Males	363	Ireland	118
Females	333	England	16
CONDITION.		Scotland	9
Single	363	Germany	13
Married	217	British America	47
Widowed	114	Italy	11
Divorced	—	Russia	6
Unknown	2	Sweden	9
COLOR.		Other Countries	15
White	680	Unknown	9
Black (Negro or mixed)	13	PARENTAGE.	
Indian	—	United States	146
Chinese	3	Irish	214
Japanese	—	English	12
Total deaths of children, {		Scotch	14
		German	20
		British American	46
Under 1 year		Italian	41
Under 2 years		Russian	14
Under 5 years		Swedish	11
Diarrhœal diseases, {		Other Countries	42
		Mixed	40
		One parent unknown	49
		Unknown	47
Under 1 year		Still-births during the month	60
Under 2 years			
Under 5 years			
All ages			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	6									3	1		1							1						6	
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	8	2	6			2																				6	2
7. Scarletina	2	1	1			2																				2	
8. Whooping cough	1		1			1																					1
9. Diphtheria and croup																											
9a. Diphtheria	12		1	2	2	5	10	2																		5	7
10. Grippe	4													2		1			1							3	1
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras	1																						1				1
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	3	2				2													1							2	1
19. Other epidemic affections																											
20. Purulent infection and septicemia	5	1	1			2						1	1				1									1	4
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.	1											1															1
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	86	2				1	3	1	7	11	13	11	18	10	4	3	2	2			1					51	35
28. Tubercle of the meninges	5	3	1			4	1																			1	4
29. Tubercle, abdominal																											
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs																											
34. Tubercle, generalized	2	1	1			2																					2
35. Scrofula																											
36. Syphilis																											
3. Tertiary	3										2						1									2	1
4. Hereditary	3	3				3																				3	
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	2																			1				1		1	1
40. Cancer and other malignant tumors of the stomach and liver	18													3	1	2	4	2	2			1	1	2		5	13

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1901.	AGE.																				SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																													
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum .	6						1								2		3										2	4	
42. Cancer and other malignant tumors of the genital organs of the female . .	3												1		1				1									2	
43. Cancer and other malignant tumors of the breast	4													1	1			1			1							4	
44. Cancer and other malignant tumors of the skin																													
45. Cancer and other malignant tumors of organs not specified	7												2	1				2	1		1						4	3	
46. Other tumors (tumors of the female genital organs excepted)	1																	1										1	
47. Rheumatism, acute, articular	7						2								1	1	1			1	1						3	4	
48. Rheumatism, chronic, and gout.	2														1									1			1	1	
49. Scorbutus																													
50. Diabetes	6												1					1	1	2	1						5	1	
51. Goitre, exophthalmic																													
52. Addison's disease																													
53. Leukemia																													
54. Anemia, chlorosis	1	1				1																						1	
55. Other general diseases																													
56. Alcoholism, acute and chronic	4												1	1	1		1										2	2	
57. Saturnism																													
58. Other trade intoxications																													
59. Other chronic poisonings																													
Total general diseases	203	16	12	2	2	6	38	7	7	14	17	17	23	18	10	10	11	12	5	5	3	3	3				105	98	
II. Diseases of the Nervous System and of the Organs of Sense.																													
60. Encephalitis																													
61. Meningitis, simple	17	5	4	3		12	3	1	1																		9	8	
61a. Meningitis, epidemic cerebrospinal . .	3			1		1		1						1														3	
62. Locomotor ataxia, progressive.																													
63. Other diseases of the spinal cord	1											1															1		
64. Cerebral congestion and hemorrhage . .	37			1		1				1	1	1	2	1	2	4	4	4	4	4	5	5	2				18	19	
65. Cerebral softening	1																			1							1		
66. Paralysis, without cause assigned . . .	7				1	1									2	1				2	1						7		
67. General paralysis	3													2				1									1	2	
68. Other forms of mental alienation . . .																													
69. Epilepsy																													
70. Eclampsia (non-puerperal)																													
71. Convulsions of children																													
72. Tetanus	1												1														1		
73. Chorea																													
74. Hysteria																													
74b. Other affections of the nervous system .	2	1				1				1																		2	
75. Diseases of the eye and appendages . .																													
76. Diseases of the ear	1	1				1																						1	
Total of the nervous system, etc.,	73	7	4	5	1	17	3	2	1	2	2	2	2	4	4	5	5	4	7	6	5	2					38	35	
III. Diseases of the Circulatory Apparatus.																													
77. Pericarditis	1			1		1																						1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1904.	AGE.																		SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	5		1			1										3								1		1	4
79. Organic diseases of the heart	62		1		1	2		2	2	2		1	3	4	5	1	2	5	9	5	1	1			29	33	
80. Angina pectoris	3															1	2									2	1
81. Affections of the arteries (atheroma, aneurism, etc.)	14												2			3	1	2	2	2	1	1				12	2
82. Embolism and thrombosis	1																		1								1
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	1	1				1																				1	
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	87	1	3		1	5		2	2	2		1	3	6	5	14	9	6	8	11	9	2	2			45	42
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	10	4	1	1		6	1								1	1		1								5	5
91. Bronchitis, chronic	7									1			1	1	1		1		1	1	1					2	5
92. Broncho-pneumonia	19	7	7	1	1	16					1			1	1											8	11
93. Pneumonia	43	10	4	1		15	2	1	1	2	3	2	4	3	1		5		1	3						24	19
94. Pleurisy	3									1	1	1														2	1
95. Pulmonary congestion and apoplexy	2		1			1							1													1	1
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	84	21	12	4	1	38	3	1	1	3	5	2	2	6	6	4		5	2	1	4	1				42	42
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa.																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach																											
104. Other affections of the stomach (cancer excepted)	6								1		1		1	1		1		1		1						3	3
105. Diarrhœa and enteritis (under two years)	22	21	1			22																				11	11
105a. Diarrhœa and enteritis, chronic																											
106. Diarrhœa and enteritis (two years and over)	1											1															1
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	8	1				1						1			1		1	2	1		1					3	5
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	5														3	1		1								3	2
113. Biliary calculi	1												1														1
114. Other affections of the liver																											
115. Affections of the spleen.	2											2															2

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1914.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.— Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	1																											
X. Malformations.																												
150. Malformations, congenital (still-births excepted)																												
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	56	56					56																				33	23
152. Other diseases appertaining to infancy,	10	10					10																				7	3
153. Lack of care																												
Total early infancy	66	66					66																				40	26
XII. Old Age.																												
154. Senile debility	18																				3	2	7	3	3		4	14
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	2										1	1															1	1
156. Suicide by asphyxia																												
157. Suicide by hanging or strangulation	1											1															1	
158. Suicide by submersion	2												1				1										2	
159. Suicide by firearms	1																1										1	
160. Suicide by cutting instruments	1													1													1	
161. Suicide by jumping from high places																												
162. Suicide by crushing	1												1															1
163. Other suicides	1														1												1	
164. Fractures																												
165a. Luxations																												
166. Other accidental traumatisms	18		1	1	1		3	1				1	3	4	1	2		1					1	1			12	6
167. Burns and scalds	5					2	2			1				1			1										2	3
168. Burns by corrosive substances																												
169. Insolation	2		1				1				1																	2
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	2							1		2		3	1					1									2	
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)																												
175. Other acute poisonings	2						1	1	1																			2
176. Other external violence																												
Total affections, etc.	44		2	1	1	3	7	3		1	3	2	9	7	3	2		3	1	1				1	1		29	15
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	9	1	2				3			1			1	1	1	1		1									6	3
Total ill-defined diseases	9	1	2				3			1			1	1	1	1		1									6	3
Total from all causes,	696	186	34	15	5	11	201	16	6	15	27	30	40	46	42	33	45	32	37	32	35	27	18	11	3	363	333	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,386. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons.* Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF JUNE, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JUNE, 1904.	JUNE, 1903.	JUNE, 1904.	JUNE, 1903.		JUNE, 1904.	JUNE, 1903.	JUNE, 1904.	JUNE, 1903.
Cholera	—	—	—	—	Measles	318	224	6	2
Chicken-pox	31	8	—	—	Scarlatina	78	150	1	1
Cerebro-spinal Meningitis . .	4	4	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	244	154	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	41	87	—	—
Tuberculosis	185	65	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	.	2,188
Calves	"	.	.	.	.	.	.	1,741
Sheep	"	.	.	.	.	.	.	415
Hogs	"	.	.	.	.	.	.	1,502
Cattle condemned, 13	.	.	.	.	.	.	.	5,550 lbs.
Calves	"	—	.	.	.	.	.	— "
Sheep	"	—	.	.	.	.	.	— "
Hogs	"	—	.	.	.	.	.	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef (tainted)	.	.	.	.	.	.	210 lbs.
Veal (immature)	.	.	.	.	.	.	595 "
Veal (tainted)	.	.	.	.	.	.	401 "
Poultry "	332 "
Pork "	25 "
Mutton "	70 "
Eggs (decayed)	26 doz.

FISH.

Fish (miscellaneous)	84 lbs.
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VEGETABLES.

Beans	2 barrels.
Vegetables (miscellaneous)	15 bushels.

BACTERIOLOGICAL LABORATORY.

[illegible]

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of June, 1904, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.26	52	88	N.E.	.25	Mean Barometer, 30.04.
2	30.20	50	96	N.-N.E.	.10	Highest Barometer, 30.37 on the 9th.
3	30.04	54	94	E.	.16	Lowest Barometer, 29.55 on the 21st, 22nd.
4	30.19	62	86	E.	.00	Monthly Range of Barometer, .82.
5	29.93	74	86	S.W.	*T	Mean Temperature, 64.
6	29.98	62	91	E.	.00	Highest Temperature, 92 on the 26th.
7	29.90	58	94	E.	.39	Lowest Temperature, 48 on the 2nd.
8	29.96	60	98	N.E.	.02	Monthly Range of Temperature, 44.
9	30.30	53	92	N.E.	.00	Greatest Daily Range of Temperature, 29 on the 5th.
10	30.26	54	73	N.E.	.00	Least Daily Range of Temperature, 5 on the 2nd.
11	30.02	58	65	E.	.00	Mean Daily Range of Temperature, 15.9.
12	30.02	58	68	E.	.00	Mean Daily Dew-point, 54.4.
13	30.16	54	62	E.	.00	Mean Daily Relative Humidity, 74.2.
14	30.07	59	60	S.W.	.00	Prevailing Direction of Wind, S.W.
15	29.97	61	66	S.W.	.00	Total Movement of Wind, 6,613 miles.
16	29.91	69	75	S.W.	.07	Highest Velocity of Wind and Direction, 27 N.W.
17	29.96	64	54	N.-E.	.00	Number of Foggy Days, none. Number of Fair Days, 10.
18	29.82	70	58	W.	.00	Number of Clear Days, 11. Number of Cloudy Days, 9.
19	30.06	69	56	E.-N.W.	.00	Total Number of Days on which Rain or Snow fell, 12.
20	29.92	70	60	E.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	29.62	75	76	S.W.	.12	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.68	74	75	S.W.-W.	.05	Dates of Solar Halos, none.
23	30.26	66	50	N.	.00	Thunder Storm, 5th, 7th, 21st, 22nd, 25th. Dates of Frosts, none.
24	30.22	70	60	S.W.	.00	Mean Maximum Temperature, 71.9. Mean Minimum Temperature, 56.0.
25	29.98	76	78	S.W.	.23	MEAN TEMPERATURE for this month in Total Precipitation for this Month in inches.
26	29.86	82	70	W.	.01	
27	30.01	74	52	N.	.00	1871 66 1871 5.55
28	30.16	64	57	E.	.00	1872 68 1872 4.84
29	29.97	61	90	S.E.	.43	1873 68 1873 0.54
30	29.91	66	93	S.	.23	1874 66 1874 3.94
31						1875 67 1875 7.25
TOTALS					2.06	1876 68 1876 1.72
MEANS	30.04	64	74.2	S.W.	.068	1877 67 1877 3.21
						1878 64 1878 2.28
						1879 64 1879 6.24
						1880 67 1880 0.75
						1881 61 1881 7.79
						1882 66 1882 1.03
						1883 69 1883 2.07
						1884 66 1884 4.01
						1885 66 1885 3.70
						1886 63 1886 1.34
						1887 64 1887 1.98
						1888 67 1888 2.69
						1889 69 1889 2.77
						1890 64 1890 2.21
						1891 65 1891 3.06
						1892 70 1892 3.65
						1893 65 1893 2.20
						1894 69 1894 0.80
						1895 67 1895 1.73
						1896 66 1896 2.71
						1897 62 1897 4.46
						1898 66 1898 1.60
						1899 70 1899 2.86
						1900 69 1900 1.85
						1901 68 1901 1.31
						1902 64 1902 1.77
						1903 60 1903 7.19
						1904 64 1904 2.06

* T indicates trace of precipitation.

Average mean temperature for 34 years, 66°.

Average monthly precipitation for 34 years, 3.02.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of July, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of July, 1904	836
Population estimated at 614,522	Rate per 1,000 inhabitants, 16.32

Total number	836	NATIVITY.	
SEX.		United States	556
Males	430	Ireland	145
Females	406	England	21
CONDITION.		Scotland	11
Single	475	Germany	11
Married	231	British America	45
Widowed	116	Italy	8
Divorced	3	Russia	6
Unknown	11	Sweden	9
COLOR.		Other Countries	13
White	814	Unknown	11
Black (Negro or mixed)	19	PARENTAGE.	
Indian	—	United States	167
Chinese	3	Irish	260
Japanese	—	English	25
Total deaths of children, {		Scotch	11
		German	16
		British American	42
Under 1 year		Italian	37
Under 2 years		Russian	27
Under 5 years		Swedish	9
Diarrhœal diseases, {		Other Countries	53
		Mixed	72
		One parent unknown	54
		Unknown	63
Under 1 year		Still-births during the month	52
Under 2 years			
Under 5 years			
All ages			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1904.	AGE.																			SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
		I. General Diseases.																									
1. Typhoid Fever	13							2	1	2	3		2		1	1										6	7
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	6	3	2	1		6																				2	4
7. Scarlatina																											
8. Whooping cough	2		1	1		2																					2
9. Diphtheria and croup	3		1			1	2																			1	2
9a. Diphtheria	13			2	1	4	7	6																		6	7
10. Grippe	1																				1						1
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras	1																1										1
14. Dysentery	1																			1							1
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	1																			1						1	
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	6		1			1	2			2					2											4	2
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx	1												1													1	
27. Tubercle of the lungs	103	2	3	1		4		1	2	7	12	19	19	9	10	3	3	5	3	1	3	1			1	48	55
28. Tubercle of the meninges	8	1	3		1	1	6			1			1													4	4
29. Tubercle, abdominal	2			1		1				1																	2
30. Pott's disease	4	1		1		2		1			1															2	2
31. Abscess, cold and by congestion . . .																											
32. Tumors, white (white swellings) . . .	1																1										1
33. Tubercle of other organs	1							1																			1
34. Tubercle, generalized	1			1		1																				1	
35. Scrofula																											
36. Syphilis																											
3. Tertiary	2												1			1											2
4. Hereditary																											
37. Bleennorrhagia of the adult	1												1														1
38. Gonococcal infections of the child . .																											
39. Cancer and other malignant tumors of the buccal cavity																											
40. Cancer and other malignant tumors of the stomach and liver	2										1				1		1	2		3						3	5

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	10								1		1				1	1		4	1				1			3	7
42. Cancer and other malignant tumors of the genital organs of the female . . .	8											1	1	1	2		1	2									8
43. Cancer and other malignant tumors of the breast . . .	6										1	1		2	1		1										6
44. Cancer and other malignant tumors of the skin . . .																											
45. Cancer and other malignant tumors of organs not specified . . .	21										1	1			1		5	2	3	2	2	2	2	2		7	14
46. Other tumors (tumors of the female genital organs excepted) . . .	1																			1							1
47. Rheumatism, acute, articular . . .	9		1				1	2					2	1	1					2						4	5
48. Rheumatism, chronic, and gout. . .	1																	1								1	
49. Scorbutus . . .	1	1					1																				1
50. Diabetes . . .	4									1					1		1	1								1	3
51. Goitre, exophthalmic . . .	1												1														1
52. Addison's disease . . .	2		1				1										1									1	1
53. Leukemia . . .	1										1															1	
54. Anemia, chlorosis . . .	1																		1								1
55. Other general diseases . . .																											
56. Alcoholism, acute and chronic . . .	6										1		3	1	1											1	2
57. Saturnism . . .																											
58. Other trade intoxications . . .																											
59. Other chronic poisonings . . .																											
Total general diseases . . .	251	8	11	7	3	6	35	11	7	13	15	28	26	19	13	16	9	14	16	2	10	4	3	2	1	144	147
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis . . .																											
61. Meningitis, simple . . .	19	5	4		2	2	13		2	1		1	1								1					7	12
61a. Meningitis, epidemic cerebrospinal . .	4	1	1			1	3			1																3	1
62. Locomotor ataxia, progressive . . .	1																	1								1	
63. Other diseases of the spinal cord . .	1													1													1
64. Cerebral congestion and hemorrhage .	32	1					1					2	1		3	5	1	5	2	5	4		3		18	14	
65. Cerebral softening . . .	1																1									1	
66. Paralysis, without cause assigned . .	3																		1	1	1					3	
67. General paralysis . . .	5												1	1	2	1										1	1
68. Other forms of mental alienation . .	2														1							1				1	1
69. Epilepsy . . .	1											1															1
70. Eclampsia (non-puerperal) . . .																											
71. Convulsions of children . . .	4	3	1				4																			3	1
72. Tetanus . . .	4							3				1														1	
73. Chorea . . .																											
74. Hysteria . . .																											
74b. Other affections of the nervous system .	5					1	1	1							2						1					3	2
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear . . .	1			1			1																			1	
Total of the nervous system, etc.,	83	10	6	1	2	4	23	4	2	2		3	3	2	2	8	6	3	5	3	6	7	1	3		46	37
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis . . .																											

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1914.	AGE.																				SEX.					
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																							Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,386. Daily consumption of water (Metropolitan system). Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF JULY, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle condemned, 10	.	.	.	.	.	4,145 lbs.
Calves	"	—	.	.	.	"
Sheep	"	—	.	.	.	"
Hogs	"	—	.	.	.	"

MEATS.

VEGETABLES.

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		48	176	4	10	16	—	254
Release		6	36	—	43	153	—	238
TOTALS		54	212	4	53	169	—	492
		Positive.		Negative.		Unsat.		
Tuberculosis		48		137		—		185
Typhoid		—		90		—		90
Glanders		2		4		1		7
Other Examinations		4		12		—		16
Milk samples examined		—		—		—		620
GRAND TOTAL								1,410

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,
For the month of July, 1904, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.88	74	92	S.W.	.03	Mean Barometer, 29.99.
2	29.94	70	75	S.W.	.00	Highest Barometer, 30.29 on the 4th.
3	30.18	64	59	N.W.	.00	Lowest Barometer, 29.60 on the 12th.
4	30.20	68	66	S.	.00	Monthly Range of Barometer, 0.69.
5	29.98	76	83	S.W.	.39	Mean Temperature, 71.4.
6	30.02	72	84	N.-E.	.03	Highest Temperature, 89 on the 31st.
7	30.07	69	88	E.	.00	Lowest Temperature, 56 on the 3d.
8	30.12	70	79	S.E.	.00	Monthly Range of Temperature, 33.
9	30.11	68	78	S.E.	.00	Greatest Daily Range of Temperature, 26 on the 31st.
10	29.97	66	93	E.	*T	Least Daily Range of Temperature, 4 on the 23d-24th.
11	29.80	74	86	W.	.00	Mean Daily Range of Temperature, 15.5.
12	29.66	76	85	S.	.00	Mean Daily Dew-point, 61.7.
13	29.78	70	72	N.W.	.07	Mean Daily Relative Humidity, 75.6.
14	30.08	69	70	W.	.00	Prevailing Direction of Wind, S.W.
15	30.06	74	61	S.W.	*T	Total Movement of Wind, 6,950 miles.
16	29.93	78	81	S.W.	.11	Highest Velocity of Wind and Direction, 34 miles W. on the 2nd.
17	29.92	73	64	S.E.	.00	Number of Foggy Days, 1. Number of Fair Days, 16.
18	29.92	73	70	E.	.00	Number of Clear Days, 8. Number of Cloudy Days, 7.
19	29.85	76	73	S.	.00	Total Number of Days on which Rain or Snow fell, 10.
20	29.76	79	50	N.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	29.86	75	50	W.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.04	67	71	E.	*T	Dates of Solar Halos, none.
23	30.02	61	94	N.	.36	Thunder Storm, 5th, 16th, 29th.
24	30.10	61	92	N.	.05	Dates of Frosts, none.
25	30.14	69	89	N.E.	.02	Mean Maximum Temperature, 79.2. Mean Minimum Temperature, 63.7.
26	30.18	74	78	S.	.00	
27	30.11	76	81	S.W.	.11	
28	30.08	75	81	S.W.	.00	
29	29.99	72	67	W.	.06	
30	30.15	68	54	S.W.-N.W.	.00	
31	30.00	76	73	S.W.	.00	
TOTALS.....	—	—	—	—	1.23	
MEANS.....	29.99	71.4	75.6	S.W.	.039	
						MEAN TEMPERATURE for this month in 1871 71 1872 75 1873 73 1874 73 1875 71 1876 74 1877 70 1878 73 1879 70 1880 70 1881 68 1882 72 1883 71 1884 68 1885 71 1886 71 1887 73 1888 70 1889 69 1890 71 1891 69 1892 73 1893 71 1894 74 1895 69 1896 72 1897 72 1898 72 1899 73 1900 74 1901 73 1902 68 1903 71 1904 71 Total Precipitation for this Month in Inches 1871 3.22 1872 4.00 1873 3.84 1874 3.47 1875 3.93 1876 5.86 1877 2.27 1878 4.58 1879 3.09 1880 6.86 1881 2.96 1882 3.91 1883 2.73 1884 4.25 1885 1.44 1886 1.81 1887 3.59 1888 1.79 1889 5.80 1890 1.93 1891 3.73 1892 2.56 1893 1.72 1894 3.09 1895 2.98 1896 2.90 1897 4.22 1898 4.42 1899 2.52 1900 2.69 1901 5.20 1902 2.88 1903 2.99 1904 1.23

* T indicates trace of precipitation.

Average mean temperature for 34 years, 71°.

Average monthly precipitation for 34 years, 3.40.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of August, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of August, 1904 901
 Population estimated at 614,522 Rate per 1,000 inhabitants, 17.59

Total number 901

SEX.

Males 482

Females 419

CONDITION.

Single 528

Married 265

Widowed 100

Divorced 4

Unknown 4

COLOR.

White 876

Black (Negro or mixed) 24

Indian —

Chinese —

Japanese 1

Total deaths of children, { Under 1 year 305
 { Under 2 years 343
 { Under 5 years 370

Diarrhœal diseases, { Under 1 year 170
 { Under 2 years 189
 { Under 5 years 197
 { All ages 219

NATIVITY.

United States 603

Ireland 133

England 18

Scotland 4

Germany 21

British America 55

Italy 24

Russia 15

Sweden 4

Other Countries 11

Unknown 13

PARENTAGE.

United States 186

Irish 266

English 13

Scotch 9

German 26

British American 58

Italian 49

Russian 37

Swedish 10

Other Countries 48

Mixed 65

One parent unknown 66

Unknown 68

Still-births during the month 65

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1904.	AGE.																				SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																													
1. Typhoid Fever	14							1	2		1	3	4		2										1			9	5
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia																													
4a. Malarial cachexia																													
5. Variola																													
6. Measles	4	1	1	2			4																					2	2
7. Scarlatina																													
8. Whooping cough	4	3	1				4																					3	1
9. Diphtheria and croup	1			1			1																					1	
9a. Diphtheria	9		2	2		2	6	2				1																6	3
10. Grippe																													
11. Miliary Fever																													
12. Asiatic Cholera																													
13. Cholera nostras	3							1								1					1								3
14. Dysentery	9	2	1				3	1										2	1	1	1							4	5
14a. Dysentery, epidemic																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	2	1					1											1										1	1
19. Other epidemic affections																													
20. Purulent infection and septicemia	6	3					3					1		1		1												1	5
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc.																													
25. Pellagra																													
26. Tubercle of the larynx	3											1			2													3	
27. Tubercle of the lungs	82	1		1		1	3	1	1	11	7	14	15	9	7	2	4	2	3	2	1							40	42
28. Tubercle of the meninges	6	2	1				3		1	1	1																	3	3
29. Tubercle, abdominal	1													1															1
30. Pott's disease	1											1																	1
31. Abscess, cold and by congestion																													
32. Tumors, white (white swellings)																													
33. Tubercle of other organs	1													1														1	
34. Tubercle, generalized	1																			1									1
35. Scrofula																													
36. Syphilis																													
3. Tertiary																													
4. Hereditary	2	2					2																						2
37. Bleorrhagia of the adult																													
38. Gonococcal infections of the child																													
39. Cancer and other malignant tumors of the buccal cavity																													
40. Cancer and other malignant tumors of the stomach and liver	12	1					1					1			2	3	1		1	2	1							5	7

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	10								1	1			3		2	2	1									6	4
79. Organic diseases of the heart	62	3				3		3			2	2	4		6	5	7	6	6	12	3	2		1	34	2	
80. Angina pectoris	2																1					1			2		
81. Affections of the arteries (atheroma, aneurism, etc.)	8															2	2	1	1	2					1	7	
82. Embolism and thrombosis	1															1										1	
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	1	1				1																			1		
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	84	4				4		3	1	1	2	2	7		8	10	11	7	7	14	3	3		1	44	40	
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	3		1			1				1											1				2	1	
91. Bronchitis, chronic	3																	2		1					2	1	
92. Broncho-pneumonia	13	7				7	1						2	1	2										7	6	
93. Pneumonia	25	4	3			1	8			1	2	1	2			2	2	1	3	1	1		1		14	11	
94. Pleurisy	1															1										1	
95. Pulmonary congestion and apoplexy .	1													1												1	
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	46	11	4			1	16	1		1	3	1	2	2	2	5	2	3	3	2	2		1		25	21	
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa.																											
101. Affections of the pharynx	1	1				1																				1	
102. Affections of the esophagus																											
103. Ulcer of the stomach	1																	1							1		
104. Other affections of the stomach (cancer excepted)	4	1				1														2		1			3	1	
105. Diarrhœa and enteritis (under two years)	186	168	18			186																			98	88	
105a. Diarrhœa and enteritis, chronic . . .	11											1					5	3		1		1			6	5	
106. Diarrhœa and enteritis (two years and over)	11			6	1	1	8	2												1					5	6	
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions . . .	12	2				2				1			1	1	2		1	1		1		1	1		7	5	
109. Other affections of the intestines . .																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	3												1	1								1			3		
113. Biliary calculi	3										1				1		1								1	2	
114. Other affections of the liver	5					1	1			1				1						1		1			3	2	
115. Affections of the spleen.																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for August, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.—Concluded.																											
116. Peritonitis, simple (puerperal excepted),	7	1				1		1			1	1		1	1											2	5
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the illac iossa	7					1	1	1		1	2	1	1													4	3
Total digestive apparatus	251	173	18	6	2	2	201	3	1	1	4	3	3	2	4	4		3	7	4	4	3	2	2		133	118
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	21		1				1		1	2		2	1	2	2	3	2	2			1	2				15	6
120. Bright's disease	14								1					1	1	2	1	2	2	1	1	1		1		9	5
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	1													1												1	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	1																	1								1	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	1													1													1
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary	1												1														1
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total genito-urinary	39		1				1		2	2	1	3	3	3	4	4	5	4	1	2	3		1		26	13	
VII. Puerperal State.																											
134. Accidents of pregnancy	4											1	3														4
135. Hemorrhage, puerperal																											
136. Other accidents of labor																											
137. Septicemia, puerperal	1											1															1
138. Albuminuria and puerperal eclampsia,	2									1		1															2
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	7									1	2	4															7
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	1															1										1	
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	1	1					1																				1
Total skin tissue	2	1					1										1									1	1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)	2	2					2																			1	1
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.— Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,418. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF AUGUST, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	AUG., 1904.	AUG., 1903.	AUG., 1904.	AUG., 1903.		AUG., 1904.	AUG., 1903.	AUG., 1904.	AUG., 1903.
Cholera	—	—	—	—	Measles	35	67	—	1
Chicken-pox	2	2	—	—	Scarlatina	45	68	—	—
Cerebro-spinal Meningitis . .	1	3	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	177	127	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	157	108	—	—
Tuberculosis	200	101	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	2,240
Calves	"	.	.	.	.	.	1,177
Sheep	"	.	.	.	.	.	3,096
Hogs	"	.	.	.	.	.	1,235

Cattle condemned,	12	.	.	.	.	.	4,910 lbs.
Calves	"	—	.	.	.	.	— "
Sheep	"	—	.	.	.	.	— "
Hogs	"	3	.	.	.	.	435 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef (tainted)	.	.	.	.	.	1,148 lbs.
Veal (tainted)	.	.	.	.	.	811 "
Veal (immatured) (38)	.	.	.	.	.	1,444 "
Poultry (tainted)	.	.	.	.	.	97 "
Mutton (tainted)	.	.	.	.	.	20 "
Pork (tainted)	.	.	.	.	.	25 "
Cheese (decayed)	.	.	.	.	.	90 "

FISH.

Miscellaneous	300 lbs.
---------------	---	---	---	---	---	----------

VEGETABLES.

Beans	.	.	.	.	.	.	1½ bushels.
Corn	.	.	.	.	.	.	1 "
Tomatoes	.	.	.	.	.	.	2 "
Melons	.	.	.	.	.	.	16 "
Peaches	.	.	.	.	.	.	4 "

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.						PRIMARY.			SECONDARY.			TOTALS.
						Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	.	.	.	.	.	43	159	5	8	14	—	229
Release	.	.	.	.	.	5	28	—	14	92	1	140
TOTALS						48	187	5	22	106	1	369
						Positive.		Negative.		Unsat.		
Tuberculosis	.	.	.	.	.	57		131		—		188
Typhoid	.	.	.	.	.	13		131		4		148
Glanders	.	.	.	.	.	3		7		1		11
Other Examinations	.	.	.	.	.	3		15		1		19
Milk samples examined	.	.	.	.	.	—		—		—		626
						GRAND TOTAL						1,361

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of August, 1904, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.96	80	76	S.W.	.01	Mean Barometer, 30.04.
2	29.96	72	88	S.	.59	Highest Barometer, 30.43 on the 9th.
3	30.06	66	89	E.	*T	Lowest Barometer, 29.76 on the 15th, 20th.
4	30.16	66	91	E.	*T	Monthly Range of Barometer, .67.
5	30.06	71	80	S.	.00	Mean Temperature, 68.7.
6	29.83	74	88	S.	.25	Highest Temperature, 89 on the 1st.
7	29.90	76	60	W.	.00	Lowest Temperature, 52 on the 27th.
8	30.04	70	76	S.E.	.02	Monthly Range of Temperature, 37.
9	30.42	64	59	E.	.00	Greatest Daily Range of Temperature, 25 on the 28th.
10	30.29	62	84	E.	.26	Least Daily Range of Temperature, 6 on the 12th.
11	30.00	72	79	W.	.17	Mean Daily Range of Temperature, 15.2.
12	30.23	63	89	E.	.00	Mean Daily Dew-point, 58.8.
13	30.14	63	72	S.E.-N.W.	*T	Mean Daily Relative Humidity, 74.4.
14	29.84	68	86	S.W.	.06	Prevailing Direction of Wind, S.W.
15	29.82	72	70	W.	.00	Total Movement of Wind, 6,512 miles.
16	29.92	73	81	S.	.03	Highest Velocity of Wind and Direction, 34 miles S. on the 20th.
17	29.84	75	68	S.W.	.00	Number of Foggy Days, none.
18	29.98	69	61	N.W.	.00	Number of Fair Days, 8.
19	30.24	62	59	N.W.	.00	Number of Clear Days, 16.
20	29.97	68	86	S.E.	.79	Number of Cloudy Days, 7.
21	29.98	72	70	N.W.	.01	Total Number of Days on which Rain or Snow fell, 10.
22	30.06	72	87	S.	.00	Depth of Unmelted Snow on ground at end of month, none.
23	30.20	66	59	E.	.00	Dates of Auroras, none.
24	30.20	70	74	W.	.00	Dates of Lunar Halos, none.
25	29.96	72	78	S.W.	.00	Dates of Solar Halos, 31st.
26	29.92	66	62	N.W.	.00	Thunder Storm, 1st, 2d, 6th.
27	30.18	62	68	S.W.	.00	Dates of Frosts, none.
28	30.06	68	66	S.W.	.00	Mean Maximum Temperature, 76.3.
29	29.98	72	58	S.W.	.00	Mean Minimum Temperature, 61.1.
30	30.20	60	68	E.	.00	
31	30.23	64	68	S.W.	.00	
TOTALS.....	—	—	—	—	2.19	
MEANS.....	30.04	68.7	74.4	S.W.	.070	
						MEAN TEMPERATURE for this month in 1871 72 1872 72 1873 69 1874 68 1875 71 1876 70 1877 71 1878 68 1879 68 1880 69 1881 70 1882 70 1883 68 1884 68 1885 67 1886 68 1887 67 1888 71 1889 70 1890 70 1891 70 1892 70 1893 70 1894 68 1895 71 1896 71 1897 70 1898 73 1899 69 1900 71 1901 71 1902 68 1903 65 1904 69 Total Precipitation for this Month in Inches 1871 3.08 1872 10.68 1873 6.21 1874 6.67 1875 3.50 1876 1.23 1877 4.49 1878 7.66 1879 6.71 1880 2.90 1881 1.23 1882 1.46 1883 0.39 1884 5.01 1885 7.64 1886 3.64 1887 3.05 1888 6.53 1889 3.95 1890 2.70 1891 3.87 1892 4.87 1893 6.46 1894 3.03 1895 3.24 1896 2.15 1897 3.45 1898 6.38 1899 2.52 1900 2.46 1901 3.25 1902 2.20 1903 3.33 1904 2.19

* T indicates trace of precipitation.

Average mean temperature for 34 years, 70°.

Average monthly precipitation for 34 years, 4.08.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of September, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of September, 1904	888
Population estimated at 614,522	Rate per 1,000 inhabitants, 17.34

Total number	888	NATIVITY.	
SEX.		United States	600
Males	464	Ireland	139
Females	424	England	11
CONDITION.		Scotland	4
Single	487	Germany	15
Married	255	British America	52
Widowed	135	Italy	16
Divorced	3	Russia	11
Unknown	8	Sweden	8
COLOR.		Other Countries	16
White	863	Unknown	16
Black (Negro or mixed)	23	PARENTAGE.	
Indian	—	United States	186
Chinese	2	Irish	260
Japanese	—	English	12
Total deaths of children,		Scotch	5
Under 1 year	262	German	15
Under 2 years	308	British American	49
Under 5 years	333	Italian	38
Diarrhœal diseases,		Russian	34
Under 1 year	99	Swedish	11
Under 2 years	115	Other Countries	50
Under 5 years	117	Mixed	92
All ages	128	One parent unknown	62
		Unknown	74
		Still-births during the month	54

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	17					1	1	1	2	2	1	4	2		3		1									11	6
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia	1													1													1
4a. Malarial cachexia																											
5. Variola																											
6. Measles																											
7. Scarlatina	3		1		1		2	1																		1	2
8. Whooping cough	6	2	3				5	1																		1	5
9. Diphtheria and croup																											
9a. Diphtheria	14	1	1	2	4	1	9	4	1																	7	7
10. Grippe	1																1										1
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras	2	2					2																			1	1
14. Dysentery	7	1	1				2					1						1	1		1	1				2	5
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas																											
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	7		1		1		2					1		1	1		2									4	3
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	89	4					4	3		5	22	14	8	11	9	3	2	3	2	3						46	43
28. Tubercle of the meninges	14	5	2	1	3	1	12	2																		6	8
29. Tubercle, abdominal	1														1											1	
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	1																		1							1	
34. Tubercle, generalized	1											1														1	
35. Scrofula	1	1					1																				1
36. Syphilis																											
3. Tertiary																											
4. Hereditary	3	3					3																			2	1
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child . .																											
39. Cancer and other malignant tumors of the buccal cavity	8																1		1	1						2	1
40. Cancer and other malignant tumors of the stomach and liver	15												2	1			3	3	3	1	2					7	8

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum .	10													1	1	1	1	3	2			1				5	5
42. Cancer and other malignant tumors of the genital organs of the female . .	5								1					2	1			1									
43. Cancer and other malignant tumors of the breast	6												1			2		1	1		1						6
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	12												1	1	3	1	2		1	2	1					7	5
46. Other tumors (tumors of the female genital organs excepted)	1																				1						1
47. Rheumatism, acute, articular	4										1					2	1									1	3
48. Rheumatism, chronic, and gout. . . .	1																		1							1	
49. Scorbutus																											
50. Diabetes	6														2		2	2								2	4
51. Goitre, exophthalmic	1															1										1	
52. Addison's disease																											
53. Leukemia	1																	1									1
54. Anemia, chlorosis	3	1					1		1						1												3
55. Other general diseases																											
56. Alcoholism, acute and chronic	7											2	2	1	1		1									5	2
57. Saturnism	1											1														1	
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	244	20	9	3	9	3	44	12	3	5	24	21	14	19	20	12	17	15	15	10	5	4	1			116	128
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	20	15	2				17	1		1				1												13	7
61a. Meningitis, epidemic cerebrospinal . .	3	1					1			1				1												1	2
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord . . .	2										1						1									2	
64. Cerebral congestion and hemorrhage .	32														4	6	4	5	4	3	4	1	1			15	17
65. Cerebral softening	2																		2								
66. Paralysis, without cause assigned . .	1													1												1	
67. General paralysis	3													1		1		1								2	1
68. Other forms of mental alienation . . .	2															1				1							2
69. Epilepsy	1																		1								1
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	4	3	1				4																			2	2
72. Tetanus	1								1																	1	
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system .	4				1		1					1								1	1						4
75. Diseases of the eye and appendages . .																											
76. Diseases of the ear	3				1		1				1				1											2	1
Total of the nervous system, etc.,	78	19	3		2		24	1	1	1	1	2	1		3	6	8	5	7	6	5	5	1	1		39	39
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	1														1												1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute																											
79. Organic diseases of the heart	65	1				1	1	2	2	1	2	3	3	1	2	7	8	6	8	6	8	2			2	32	1
80. Angina pectoris	2																1		1							2	
81. Affections of the arteries (atheroma, aneurism, etc.)	9																	1				5	3		3	6	
82. Embolism and thrombosis																											
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	1	1				1																				1	
86. Other affections of the circulatory appa- ratus																											
Total of circulatory apparatus	78	2				2	1	2	2	1	2	3	3	1	3	7	9	7	9	6	8	7	3	2	38	40	
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body	1														1											1	
90. Bronchitis, acute	9	5	3			8														1					5	4	
91. Bronchitis, chronic	5														2			2				1			3	2	
92. Broncho-pneumonia	27	11	4	1		16						2		1		1	3	1	1		1	1		1	1	16	11
93. Pneumonia	33	5	6	1		12	2	1		1	1	1	2	1	1	4	3	1	1	1		1			20	13	
94. Pleurisy																											
95. Pulmonary congestion and apoplexy																											
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory appa- ratus (phthisis excepted)																											
Total respiratory apparatus	75	21	13	2		36	2	1		1	1	1	4	1	5	4	4	4	4	2	1	2	2		44	31	
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa.																											
101. Affections of the pharynx	1		1			1																				1	
102. Affections of the esophagus	2				1	1												1							2		
103. Ulcer of the stomach	2											1				1									2		
104. Other affections of the stomach (cancer excepted)	6	1	2			3								1	1					1					4	2	
105. Diarrhœa and enteritis (under two years)	111	96	15			111																			53	58	
105a. Diarrhœa and enteritis, chronic	5															2			2				1		3	2	
106. Diarrhœa and enteritis (two years and over)	3			1	1	2		1																	2	1	
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	12	2				2								1		1		2	3	2	1				6	6	
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	2													1			1								2		
113. Biliary calculi																											
114. Other affections of the liver	3													1						1	1				1	2	
115. Affections of the spleen.																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for September, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —Concluded.																											
116. Peritonitis, simple (puerperal excepted),	7	1				1		1	1		1	1		1		1										1	6
117. Other affections of the digestive appa- ratus (cancer and tubercle excepted),	1											1															
118. Appendicitis and abscess of the iliac fossa	4								1	1		1						1								4	
Total digestive apparatus	159	100	18	1	2	121		2	2	1	1	4		4	1	6	1	4	5	3	3	1				81	78
VI. Diseases of the Genito-Urinary Appa- ratus and its Adnexa.																											
119. Nephritis, acute	38	1				1	1			1	3	3	2	1	3	2	3	4	5	5	2	2				17	21
120. Bright's disease	17										1		4	1	1		3	2	2	1	2					11	6
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	4																		1			2	1			3	1
124. Diseases of the urethra, urinary abscess, etc.	1														1											1	
125. Diseases of the prostate	4														1				1		1	1				4	
126. Non-venereal diseases of the male gen- ital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	1														1												1
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary																											
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total genito-urinary	65	1				1	1			1	4	3	6	2	7	2	6	6	9	6	5	5	1			36	29
VII. Puerperal State.																											
134. Accidents of pregnancy	4											2	2														4
135. Hemorrhage, puerperal	1									1																	1
136. Other accidents of labor																											
137. Septicemia, puerperal	2										2																2
138. Albuminuria and puerperal eclampsia,	1							1																			1
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	8							1	1	2	2	2															8
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	2																1	1									2
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa																											
Total skin tissue	2																	1	1								2
IX. Diseases of the Organs of Locome- tion.																											
146. Affections of the bones (non-tuber- culous)	4	1		1		2		1			1															4	
147. Arthritis and other affections of the articula- tions (tubercle and rheumatism excepted),	1																			1							1
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1904.	AGE.																											SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
IX. Diseases of the Organs of Locomotion.—Concluded.																														
149. Other affections of the organs of locomotion																														
Total organs locomotion	5	1	1		2		1		1											1							4	1		
X. Malformations.																														
150. Malformations, congenital (still-births excepted)																														
XI. Early Infancy.																														
151. Congenital debility, icterus and sclerema	84	84			84																						54	30		
152. Other diseases appertaining to infancy,	10	10			10																						7	3		
153. Lack of care																														
Total early infancy	94	94			94																						61	33		
XII. Old Age.																														
154. Senile debility	21																			1	5	4	4	6	1	6	15			
XIII. Affections Produced by External Causes.																														
155. Suicide by poison	2										1		1															2		
156. Suicide by asphyxia	1														1													1		
157. Suicide by hanging or strangulation	1														1												1			
158. Suicide by submersion																														
159. Suicide by firearms	1											1															1			
160. Suicide by cutting instruments	4											1		1		1			1							4				
161. Suicide by jumping from high places																														
162. Suicide by crushing																														
163. Other suicides																														
164. Fractures	4												1	1			1			1							2	2		
165a. Luxations																														
166. Other accidental traumatisms	21	3		1	4	2				3	4	1	2	3		1	1										16	5		
167. Burns and scalds	7		1		1	2				1	1	1		1			1										2	5		
168. Burns by corrosive substances																														
169. Insolation																														
170. Freezing																														
171. Electrical disturbances																														
172. Accidental submersion	2								1	1																	1	1		
173a. Inanition																														
174. Absorption of deleterious gases (suicide excepted)	2												1			1											2			
175. Other acute poisonings	2														2													2		
176. Other external violence	3										1		1	1													2	1		
Total affections, etc.	50	3	1		1	1	6	2		1	5	2	7	6	5	8	2	2	2	1	1						31	19		
XIV. Ill-defined Diseases.																														
177. Dropsy																														
178. Sudden death																														
179. Non-specified or ill-defined causes of death	9	1	2			3	2					1	1	1		1											6	3		
Total ill-defined diseases	9	1	2			3	2					1	1	1		1											6	3		
Total from all causes,	888	262	46	7	14	4	333	21	10	15	35	36	36	41	37	42	47	43	46	45	34	30	21	13	3	464	424			

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,425. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF SEPTEMBER, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	SEPT., 1904.	SEPT., 1903.	SEPT., 1904.	SEPT., 1903.		SEPT., 1904.	SEPT., 1903.	SEPT., 1904.	SEPT., 1903.
Cholera	—	—	—	—	Measles	14	52	—	—
Chicken-pox	3	8	1	2	Scarlatina	36	65	—	—
Cerebro-spinal Meningitis . .	2	3	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	196	140	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	167	126	—	—
Tuberculosis	156	152	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	.	.	.	.	.	.	1,877
Calves	"	.	.	.	.	.	1,080
Sheep	"	.	.	.	.	.	655
Hogs	"	.	.	.	.	.	1,788

Cattle condemned,	11	.	.	.	.	.	4,655 lbs.
Calves	"	—	.	.	.	.	— "
Sheep	"	—	.	.	.	.	— "
Hogs	"	.	.	.	.	.	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Beef (tainted)	.	.	.	.	.	.	211 lbs.
Veal (immature)	.	.	.	.	.	.	965 "
Poultry (tainted)	.	.	.	.	.	.	78 "
Lamb	.	.	.	.	.	.	58 "
Pork	.	.	.	.	.	.	30 "

FISH.

Oysters	55 gals.
---------	---	---	---	---	---	---	----------

VEGETABLES.

Miscellaneous	.	.	.	.	.	4 $\frac{1}{3}$ bushels.
Fruit	.	.	.	.	.	1 "

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA.		PRIMARY.			SECONDARY.			TOTALS.
		Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis		81	244	6	9	31	—	371
Release		14	34	1	64	149	2	264
TOTALS		95	278	7	73	180	2	635
		Positive.		Negative.		Unsat.		
Tuberculosis		66		164		—		230
Typhoid		23		135		4		162
Glanders		3		3		—		6
Other Examinations		3		20		—		23
Milk samples examined		—		—		—		609
		GRAND TOTAL						1,665

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of September, 1904, as reported by J. W. SMITH, D. F., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.26	64	75	S.	.00	Mean Barometer, 30.10.
2	30.12	70	80	S.W.	.00	Highest Barometer, 30.63 on the 23d.
3	30.04	76	81	S.W.	.00	Lowest Barometer, 29.50 on the 30th.
4	29.92	72	78	W.	.03	Monthly Range of Barometer, 1.13.
5	30.04	65	67	W.	.00	Mean Temperature, 62°.
6	30.26	56	68	S.E.-N.W.	.00	Highest Temperature, 86° on the 12th.
7	30.18	62	76	S.W.	.00	Lowest Temperature, 35° on the 22d.
8	30.09	69	78	S.W.	.06	Monthly Range of Temperature, 51°.
9	30.24	56	83	N.E.	.10	Greatest Daily Range of Temperature, 27° on the 23d.
10	30.24	59	90	N.	.03	Least Daily Range of Temperature, 5° on the 9th.
11	30.14	62	89	E.	.00	Mean Daily Range of Temperature, 16.4°.
12	30.00	74	88	S.W.	.73	Mean Daily Dew-point, 53.2.
13	30.38	61	68	E.	.02	Mean Daily Relative Humidity, 76.5.
14	30.16	66	88	E.	.09	Prevailing Direction of Wind, S.W.
15	29.84	62	83	W.	3.48	Total Movement of Wind, 6,995 miles.
16	30.15	59	71	S.W.	.00	Highest Velocity of Wind and Direction, 40 miles N. on the 15th.
17	30.03	66	74	S.W.	.00	Number of Foggy Days, 1. Number of Fair Days, 8.
18	30.02	72	74	S.W.	.00	Number of Clear Days, 13. Number of Cloudy Days, 9.
19	30.14	66	74	S.E.	.00	Total Number of Days on which Rain or Snow fell, 12.
20	30.04	64	84	E.-S.E.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	30.24	50	62	N.W.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.54	43	52	N.W.	.00	Dates of Solar Halos, none.
23	30.54	48	62	W.	.00	Thunder Storm, 8th, 12th. Dates of Frosts, 23d.
24	30.08	58	70	S.W.	.00	Mean Maximum Temperature, 70.7°. Mean Minimum Temperature, 54.3°
25	29.86	68	76	S.W.	.17	MEAN TEMPERATURE for this month in
26	29.85	60	93	E.	.10	Total Precipitation for this Month in inches.
27	30.02	60	79	E.	.00	1871 59 1871 1.30
28	30.23	56	82	E.	.00	1872 64 1872 6.04
29	29.96	59	84	S.W.	.71	1873 62 1873 2.91
30	29.54	57	66	W.	.05	1874 64 1874 2.05
31	—	—	—	—	—	1875 59 1875 3.12
TOTALS.....	—	—	—	—	5.57	1876 59 1876 3.64
MEANS.....	30.10	62	76.5	S.W.	.186	1877 64 1877 0.60
						1878 63 1878 3.47
						1879 61 1879 1.64
						1880 64 1880 2.36
						1881 66 1881 2.50
						1882 63 1882 10.93
						1883 59 1883 1.50
						1884 66 1884 0.30
						1885 60 1885 1.70
						1886 63 1886 2.73
						1887 60 1887 0.97
						1888 60 1888 6.77
						1889 63 1889 3.19
						1890 63 1890 5.04
						1891 67 1891 2.29
						1892 62 1892 1.90
						1893 60 1893 1.50
						1894 65 1894 2.14
						1895 66 1895 1.53
						1896 62 1896 6.40
						1897 63 1897 2.38
						1898 66 1898 1.93
						1899 62 1899 5.09
						1900 65 1900 4.62
						1901 65 1901 2.50
						1902 63 1902 2.08
						1903 64 1903 2.43
						1904 62 1904 5.57

* T indicates trace of precipitation.

Average mean temperature for 34 years, 63°.

Average monthly precipitation for 34 years, 3.11.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of October, 1904 814
 Population estimated at 614,522 Rate per 1,000 inhabitants, 15.90

Total number 814

SEX.

Males 439
 Females 375

CONDITION.

Single 378
 Married 289
 Widowed 143
 Divorced —
 Unknown 4

COLOR.

White 793
 Black (Negro or mixed) 21
 Indian —
 Chinese —
 Japanese —

Total deaths of children, { Under 1 year 167
 { Under 2 years 189
 { Under 5 years 218

Diarrhœal diseases, { Under 1 year 41
 { Under 2 years 45
 { Under 5 years 47
 { All ages 52

NATIVITY.

United States 501
 Ireland 157
 England 20
 Scotland 8
 Germany 9
 British America 57
 Italy 13
 Russia 7
 Sweden 6
 Other Countries 22
 Unknown 14

PARENTAGE.

United States 160
 Irish 274
 English 21
 Scotch 9
 German 18
 British American 55
 Italian 40
 Russian 17
 Swedish 10
 Other Countries 48
 Mixed 64
 One parent unknown 33
 Unknown 65
 Still-births during the month 49

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	12		1			1		1	2	3	5	2	4	1	1		1	1								16	6
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia	1												1													1	
5. Variola																											
6. Measles	2		1	1		2																				2	
7. Scarlatina	2		1			1		1																		1	1
8. Whooping cough																											
9. Diphtheria and croup																											
9a. Diphtheria	14		1	1	3	5		6	2			1														7	7
10. Grippe	2												1						1								2
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras	1																				1						
14. Dysentery	2	1		1		2																				1	1
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	4	1				1								1			1	1								2	2
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	6	1				1		1	1	1		1					1									4	2
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	92	1	2	1		1	5	1		3	16	16	15	9	10	5	6	2		3		1				42	50
28. Tubercle of the meninges	6	1	2	1		2	6																			3	3
29. Tubercle, abdominal	3	1				1	2		1																	1	2
30. Pott's disease	1											1															1
31. Abscess, cold and by congestion . . .																											
32. Tumors, white (white swellings) . . .																											
33. Tubercle of other organs	1			1		1																					1
34. Tubercle, generalized																											
35. Scrofula																											
36. Syphilis																											
3. Tertiary	2									1			1														2
4. Hereditary	3	3				3																				2	1
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child . .																											
39. Cancer and other malignant tumors of the buccal cavity	4																1	1	1				1			2	2
40. Cancer and other malignant tumors of the stomach and liver	16													1			8	4	3							11	5

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.		AGE.																				SEX.							
		Total Mortality for October, 1904.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.—Concluded.																													
78.	Endocarditis, acute	5		1			1								1				1	1						1		4	1
79.	Organic diseases of the heart	76	1				1	1	1		2	2	1	3	6	8	6	10	13	7	8	3	3	1			35	41	
80.	Angina pectoris	1																		1									
81.	Affections of the arteries (atheroma, aneurism, etc.)	9											1	1	1					1	2	2			1	3	6		
82.	Embolism and thrombosis	3									1									1		1				2	1		
83.	Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																												
84.	Affections of the lymphatic system (lymphangitis, etc.)																												
85.	Hemorrhages	1	1				1																					1	
86.	Other affections of the circulatory apparatus																												
	Total of circulatory apparatus	95	2	1			3	1	1		2	3	2	4	8	8	6	11	14	10	10	6	3	2	1	44	51		
IV. Diseases of the Respiratory Apparatus.																													
87.	Diseases of the nasal fossæ																												
88.	Affections of the larynx	1		1			1																					1	
89.	Affections of the thyroid body																												
90.	Bronchitis, acute	19	11		1		12											3		1			1		2	10	9		
91.	Bronchitis, chronic	8	1				1	2			1						1	2	1			1				5	3		
92.	Broncho-pneumonia	14	7	1	1		2	11						1				1		1						7	7		
93.	Pneumonia	66	9	6	1		1	17	1		1	1	3	6	4	3	4	3	7	3	7	3	1	1	1	35	31		
94.	Pleurisy	1	1				1																			1			
95.	Pulmonary congestion and apoplexy																												
96.	Gangrene of the lung																												
97.	Asthma																												
98.	Emphysema, pulmonary																												
99.	Other diseases of the respiratory apparatus (phthisis excepted)	1																						1		1			
	Total respiratory apparatus	110	29	7	4		4	44	1		1	2	3	6	4	4	4	4	13	4	9	3	2	2	2	2	50	51	
V. Diseases of the Digestive Apparatus.																													
100.	Affections of the mouth and its adnexa																												
101.	Affections of the pharynx																												
102.	Affections of the esophagus																												
103.	Ulcer of the stomach	2																2									2		
104.	Other affections of the stomach (cancer excepted)	4		1			1							1					1		1					1	3		
105.	Diarrhœa and enteritis (under two years)	44	40	4			44																				21	23	
105a.	Diarrhœa and enteritis, chronic	3													1				1	1						1	2		
106.	Diarrhœa and enteritis (two years and over)	2			1		1													1						1	1		
107.	Parasites, intestinal																												
108.	Hernia, intestinal obstructions	12	5				5						1	1	1		2					1	1			8	4		
109.	Other affections of the intestines	2												1						1						1	1		
110.	Icterus, grave																												
111.	Hydatid tumors of the liver																												
112.	Cirrhosis of the liver	6												2	1				1	1	1					4	2		
113.	Biliary calculi																												
114.	Other affections of the liver	2						1											1							1	1		
115.	Affections of the spleen																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH		AGE.																				SEX.						
		Total Mortality for October, 1904.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.—Concluded.																												
116.	Peritonitis, simple (puerperal excepted),	10	1				1			2	2	1		1	1	1		1									3	7
117.	Other affections of the digestive apparatus (cancer and tubercle excepted),	2														1				1						1	1	
118.	Appendicitis and abscess of the iliac fossa	3									1	1					1									2	1	
	Total digestive apparatus	92	46	5	1		52	1		2	3	2	1	6	3	3	3	5	1	6	1	2	1			46	46	
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																												
119.	Nephritis, acute	24									1		1	2	1	2	3	5	3	3	2		1			13	11	
120.	Bright's disease	22									2	1	1		2	1	4	2	3	1	3	2				13	9	
121.	Other diseases of the kidneys and their adnexa	3	1				1														1			1		3		
122.	Calculi of the urinary tract																											
123.	Diseases of the bladder	3																1	1				1			3		
124.	Diseases of the urethra, urinary abscess, etc.	1																			1					1		
125.	Diseases of the prostate	4																	1	1	1		1			4		
126.	Non-venereal diseases of the male genital organs																											
127.	Metritis																											
128.	Hemorrhage, uterine, non-puerperal																											
129.	Tumor, uterine, non-cancerous	1											1														1	
130.	Other diseases of the uterus																											
131.	Cysts and other tumors of the ovary																											
132.	Other diseases of the female genital organs	1							1																		1	
133.	Diseases of the breast, non-puerperal (cancer excepted)																											
	Total of genito-urinary	59	1				1			1	3	1	3	2	3	3	7	8	8	6	6	3	3	1		37	22	
VII. Puerperal State.																												
134.	Accidents of pregnancy	1							1																		1	
135.	Hemorrhage, puerperal	1												1													1	
136.	Other accidents of labor	2									1		1														2	
137.	Septicemia, puerperal	1										1															1	
138.	Albuminuria and puerperal eclampsia,	3							1			1	1														3	
139.	Phlegmasia alba dolens, puerperal																											
140.	Other puerperal accidents—sudden death																											
141.	Puerperal diseases of the breast																											
	Total puerperal	8								2		1	2	3													8	
VIII. Diseases of the Skin and Cellular Tissue.																												
142.	Gangrene	3											1						1			1					3	
143.	Furuncle (carbuncle)	1	1				1																				1	
144.	Phlegmon, warm abscess																											
145d.	Other diseases of the skin and its adnexa																											
	Total skin tissue	4	1				1						1						1			1					4	
IX. Diseases of the Organs of Locomotion.																												
146.	Affections of the bones (non-tuberculous)	3			1	1		1	1																	1	2	
147.	Arthritis and other affections of the articulations (tubercle and rheumatism excepted),	1																	1							1		
148.	Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion	4					1	1		1	1									1							2	2
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	3	3					3																			2	1
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	60	60					60																			44	16
152. Other diseases appertaining to infancy,	5	5					5																			3	2
153. Lack of care																											
Total early infancy	65	65					65																			47	18
XII. Old Age.																											
154. Senile debility	16																		1	1	2	2	4	4	2	7	9
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	4											1		1	1	1										3	1
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms	1								1																	1	
160. Suicide by cutting instruments	1															1										1	
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides	1																1									1	
164. Fractures	5											1		1	1				1			1				4	1
165a. Luxations																											
166. Other accidental traumatisms	23							1	1	2	4	3	3	4	1	2	1	1								20	3
167. Burns and scalds	1									1																1	
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	4									1		3														3	1
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	1																		1							1	
175. Other acute poisonings																											
176. Other external violence	2										1		1													2	
Total affections, etc.	43							1	1	1	4	6	7	5	5	3	5	1	2	1			1			37	6
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	5				1		1				1	1		1		1										2	3
Total ill-defined diseases	5				1		1				1	1		1		1										2	3
Total from all causes,	814	167	22	10	7	12	218	17	10	16	37	40	46	51	43	44	56	51	46	50	30	22	18	11	5	433	375

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. *Tenement houses, four or more families, 5,468. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF OCTOBER, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	OCT. 1904.	OCT. 1903.	OCT. 1904.	OCT. 1903.		OCT. 1904.	OCT. 1903.	OCT. 1904.	OCT. 1903.
Cholera	—	—	—	—	Measles	23	200	—	—
Chicken-pox	21	20	—	—	Scarlatina	69	110	2	—
Cerebro-spinal Meningitis . .	1	—	—	—	Smallpox	—	1	—	—
Diphtheria and Croup . . .	224	260	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	154	109	—	—
Tuberculosis	167	159	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,409	Cattle condemned, 10	4,590 lbs.
Calves "	953	Calves " —	—
Sheep "	2,851	Sheep " —	—
Hogs "	2,053	Hogs " 2	384 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Beef (tainted) 865 lbs.	50 lbs.	Miscellaneous, 14 bushels.
Veal (immature) 1,111 "		
Poultry (tainted) 398 "		
Lamb " "		
Pork " "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined . . .	Milk from Stores . . .	473
" " . . .	" " Wagons . . .	614
" " . . .	" brought in by Citizens . .	32
" " . . .	" for bacteriological examination	335
" " . . .	Vinegar . . .	50
" " . . .	Butter and Cheese . . .	42
Total Samples,		1,546

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive diagnosis . .	121
	Positive release . .	138
	Negative diagnosis . .	430
	Negative release . .	197
	No growth cultures . .	9 . . 895
TUBERCULOSIS:	Positive	70
	Negative	155 . . 225
TYPHOID:	Positive	15
	Negative	87
	Atypical	8 . . 110

GLANDERS:	Positive	3
	Negative	9
	Unsatisfactory . . .	1 . . 13
Other examinations:	Positive	3
	Negative	13
	Unsatisfactory . . .	1 . . 17
Milk samples collected and examined . .	336 . .	336
Total examinations		1,596

* Malaria, gonorrhea, rabies, leprosy, meat, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of October, 1904, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.38	56	58	W.	T.	Mean Barometer, 30.08.
2	29.52	54	55	W.	.00	Highest Barometer, 30.52 on the 7th.
3	29.89	51	63	N.W.	.00	Lowest Barometer, 29.38 on the 1st.
4	30.24	52	64	N.W.	.00	Monthly Range of Barometer, 1.14.
5	30.14	56	72	S.-S.W.	.00	Mean Temperature, 50.6°.
6	30.14	50	66	N.W.	.27	Highest Temperature, 74° on the 17th.
7	30.51	42	52	N.W.	.00	Lowest Temperature, 27° on the 31st.
8	30.39	47	72	S.W.	T.	Monthly Range of Temperature, 47°.
9	30.22	54	88	N.E.	.05	Greatest Daily Range of Temperature, 30° on the 16th.
10	29.92	58	90	S.W.	.02	Least Daily Range of Temperature, 5° on the 19th.
11	29.84	59	82	S.W.	.08	Mean Daily Range of Temperature, 16.7°.
12	30.32	44	87	N.E.	.84	Mean Daily Dew-point, 38.8.
13	30.26	42	91	N.	.10	Mean Daily Relative Humidity, 67.8.
14	30.12	48	72	N.W.	.00	Prevailing Direction of Wind, West.
15	30.16	53	60	N.W.	.00	Total Movement of Wind, 8,089 miles.
16	30.20	53	49	W.	.00	Highest Velocity of Wind and Direction, 50 miles.
17	30.10	60	34	W.	.00	Number of Foggy Days, 0.
18	30.00	61	61	W.	T.	Number of Fair Days, 8.
19	30.16	52	90	N.E.	.00	Number of Clear Days, 12.
20	30.06	60	89	E.-S.	T.	Number of Cloudy Days, 11.
21	29.72	60	83	S.E.	.63	Total Number of Days on which Rain or Snow fell, 8.
22	29.75	57	60	S.	.00	Depth of Unmelted Snow on ground at end of month, none.
23	30.02	50	62	W.	.00	Dates of Auroras, none.
24	30.28	45	60	W.	.00	Dates of Lunar Halos, none.
25	30.26	52	79	S.W.	.00	Dates of Solar Halos, none.
26	29.98	50	76	W.	.14	Thunder Storm, none.
27	30.07	40	57	N.W.	T.	Dates of Frosts, heavy on 7th; killing on 28th.
28	30.38	38	62	N.	.00	Mean Maximum Temperature, 58.9°.
29	30.22	48	76	S.W.	.00	Mean Minimum Temperature, 42.2°.
30	30.26	38	50	N.	.00	
31	30.28	37	46	N.W.	.00	
TOTALS.....	—	—	—	—	2.13	
MEANS.....	30.08	50.6	67.8	W.	.069	
						MEAN TEMPERATURE for this month in
						1871 54.0
						1872 51.7
						1873 52.8
						1874 53.1
						1875 49.2
						1876 47.8
						1877 50.8
						1878 54.9
						1879 56.0
						1880 50.9
						1881 53.3
						1882 54.6
						1883 47.4
						1884 52.3
						1885 51.1
						1886 51.5
						1887 51.0
						1888 49.0
						1889 48.5
						1890 51.0
						1891 51.6
						1892 52.7
						1893 54.8
						1894 54.0
						1895 49.6
						1896 50.2
						1897 54.4
						1898 54.2
						1899 54.5
						1900 56.6
						1901 54.4
						1902 53.6
						1903 60.0
						1904 50.6
						Total Precipitation for this Month in Inches.
						1871 5.88
						1872 4.85
						1873 5.33
						1874 1.39
						1875 4.99
						1876 1.66
						1877 8.84
						1878 6.76
						1879 0.91
						1880 3.15
						1881 2.84
						1882 2.29
						1883 6.40
						1884 3.17
						1885 5.71
						1886 3.27
						1887 2.63
						1888 3.58
						1889 3.31
						1890 5.63
						1891 5.56
						1892 2.31
						1893 2.94
						1894 5.11
						1895 6.19
						1896 3.15
						1897 0.41
						1898 7.17
						1899 2.40
						1900 3.41
						1901 3.02
						1902 4.36
						1903 3.95
						1904 2.13

T indicates trace of precipitation.

Average mean temperature for 34 years, 52°.

Average monthly precipitation for 34 years, 3.96.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of November, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of November, 1904	869
Population estimated at 614,522	Rate per 1,000 inhabitants, 16.97

Total number	869	NATIVITY.	
SEX.		United States	533
Males	469	Ireland	148
Females	400	England	17
CONDITION.		Scotland	13
Single	408	Germany	17
Married	303	British America	72
Widowed	154	Italy	16
Divorced	2	Russia	15
Unknown	2	Sweden	11
COLOR.		Other Countries	18
White	848	Unknown	9
Black (Negro or mixed)	20	PARENTAGE.	
Indian	—	United States	186
Chinese	1	Irish	280
Japanese	—	English	19
Total deaths of children,		Scotch	13
{ Under 1 year	142	German	20
{ Under 2 years	168	British American	58
{ Under 5 years	210	Italian	40
Diarrhœal diseases,		Russian	29
{ Under 1 year	13	Swedish	14
{ Under 2 years	13	Other Countries	53
{ Under 5 years	14	Mixed	45
{ All ages	17	One parent unknown	39
		Unknown	73
		Still-births during the month	46

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		Total Mortality for November, 1904.	AGE.																											SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
I. General Diseases.																															
1.	Typhoid Fever	22					1	1	1		2	3	2	2	1	2	2	2			1			1				12	10		
2.	Exanthematous typhus																														
3.	Recurrent fever																														
4.	Intermittent fever and malarial cachexia																														
4a.	Malarial cachexia																														
5.	Variola																														
6.	Measles	4	2	1	1			4																				2	2		
7.	Scarlatina	2				1	1	2																				2			
8.	Whooping cough	2		1	1			2																					2		
9.	Diphtheria and croup	1							1																				1		
9a.	Diphtheria	24	4	5	5	4		18	3	2				1													12	12			
10.	Grippe	2																					1	1			1	1			
11.	Miliary Fever																														
12.	Asiatic Cholera																														
13.	Cholera nostras																														
14.	Dysentery																														
14a.	Dysentery, epidemic																														
15.	Pest (Plague; bubonic plague)																														
16.	Yellow fever																														
17.	Leprosy																														
18.	Erysipelas	1																1										1			
19.	Other epidemic affections																														
20.	Purulent infection and septicemia	5									1			1	1	1				1							3	2			
21.	Glanders and farcy																														
22.	Malignant pustule and charbon (anthrax)																														
23.	Rabies																														
24.	Actinomycosis, trichinosis, etc.																														
25.	Pellagra																														
26.	Tubercle of the larynx																														
27.	Tubercle of the lungs	107		2	2		1	5	1	1	7	11	13	20	13	2	7	2	4	2	3	4					61	46			
28.	Tubercle of the meninges	6	1		2		3		1	1				1													3	3			
29.	Tubercle, abdominal	2	1				1						1														1	1			
30.	Pott's disease																														
31.	Abscess, cold and by congestion																														
32.	Tumors, white (white swellings)																														
33.	Tubercle of other organs	1					1	1																				1			
34.	Tubercle, generalized	1									1																	1			
35.	Scrofula																														
36.	Syphilis																														
3.	Tertiary	3														2		1										1	2		
4.	Hereditary																														
37.	Blennorrhagia of the adult																														
38.	Gonococcal infections of the child																														
39.	Cancer and other malignant tumors of the buccal cavity	2															1	1										2			
40.	Cancer and other malignant tumors of the stomach and liver	20												1		2	1		4	4	2	4	1	1				9	11		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1904.	AGE.																										SEX.	
																												Males.	Females.
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.				
I. General Diseases.—Concluded.																													
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	13													1	1	1		1	3		1	2	2	1			6	7	
42. Cancer and other malignant tumors of the genital organs of the female . . .	10														1			2	1	1	3	1					1		
43. Cancer and other malignant tumors of the breast . . .	5																			1		1	1	2				5	
44. Cancer and other malignant tumors of the skin . . .																													
45. Cancer and other malignant tumors of organs not specified . . .	5																		1	1	2	1					1	4	
46. Other tumors (tumors of the female genital organs excepted) . . .	1																				1							1	
47. Rheumatism, acute, articular . . .																													
48. Rheumatism, chronic, and gout. . . .	4									1							1			1	1						1	3	
49. Scorbutus . . .																													
50. Diabetes . . .	5										1	1				2							1				5		
51. Goitre, exophthalmic . . .	1																		1									1	
52. Addison's disease . . .																													
53. Leukemia . . .	4				1		1						1			2											1	3	
54. Anemia, chlorosis . . .																													
55. Other general diseases . . .																													
56. Alcoholism, acute and chronic . . .	9											2	1	2			3	1									8	1	
57. Saturnism . . .																													
58. Other trade intoxications . . .																													
59. Other chronic poisonings . . .																													
Total general diseases . . .	262	8	9	11	6	4	38	7	4	10	20	21	28	17	21	18	20	12	13	11	14	5	3				132	130	
II. Diseases of the Nervous System and of the Organs of Sense.																													
60. Encephalitis . . .																													
61. Meningitis, simple . . .	13	3	4	1	2		10	2				1															6	7	
61a. Meningitis, epidemic cerebrospinal . .	4	2					2				1						1										4		
62. Locomotor ataxia, progressive . . .	4															1		1	1		1					3	1		
63. Other diseases of the spinal cord . .	2																1	1								2			
64. Cerebral congestion and hemorrhage . .	40											2	1	2	4	5	3	3	5	5	5	4	1			21	19		
65. Cerebral softening . . .																													
66. Paralysis, without cause assigned . .	9										1			1	1		1	2	1	1			1			4	5		
67. General paralysis . . .																													
68. Other forms of mental alienation . . .	1											1															1		
69. Epilepsy . . .	1												1														1		
70. Eclampsia (non-puerperal) . . .																													
71. Convulsions of children . . .	2	2					2																				2		
72. Tetanus . . .	1									1																	1		
73. Chorea . . .																													
74. Hysteria . . .																													
74b. Other affections of the nervous system . .	3											1	1	1													3		
75. Diseases of the eye and appendages . .																													
76. Diseases of the ear . . .	1											1																1	
Total of the nervous system, etc., . . .	81	7	4	1	2		14	2	1		1	5	4	2	3	7	7	5	6	6	7	5	4	2			48	33	
III. Diseases of the Circulatory Apparatus.																													
77. Pericarditis . . .																													

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for November, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —Concluded.																											
116. Peritonitis, simple (puerperal excepted),	9										1	1	1	2	1		1		1				1			2	7
117. Other affections of the digestive appa- ratus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the iliac fossa	5							1	1			1	1				1									4	1
Total digestive apparatus	56	13	1			14	1	2	1	1	3	4	5	6	3	1	5	4	3			2	1			28	28
VI. Diseases of the Genito-Urinary Appa- ratus and its Adnexa.																											
119. Nephritis, acute	26		1			1	2			1	2	1	1		1		1	5	2	6	1	1	1			15	11
120. Bright's disease	14							1							1	3	4	1	3	1						11	3
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	3																1		1		1					3	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	3																	2	1							3	
126. Non-venereal diseases of the male gen- ital organs																											
127. Metritis	1										1																1
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	1																1										1
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary	1												1														1
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	49		1			1	2	1		1	2	2	2		2	5	5	9	6	7	2	1	1			32	17
VII. Puerperal State.																											
134. Accidents of pregnancy																											
135. Hemorrhage, puerperal	1												1														1
136. Other accidents of labor	2									1		1															2
137. Septicemia, puerperal																											
138. Albuminuria and puerperal eclampsia,	1										1																1
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	4									1	1	2															4
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	1																						1				1
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess	3												1					2								2	1
145d. Other diseases of the skin and its adnexa																											
Total skin tissue	4												1					2					1			2	2
IX. Diseases of the Organs of Locome- tion.																											
146. Affections of the bones (non-tuber- culous)	2								2																		2
147. Arthritis and other affections of the articula- tions (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1904.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	2									2																	2	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	3	3					3																				3	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	60	60					60																				36	24
152. Other diseases appertaining to infancy,	4	4					4																				1	3
153. Lack of care																												
Total early infancy	64	64					64																				37	27
XII. Old Age.																												
154. Senile debility	22																				6	4	6	4	2	8	14	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	1									1																		1
156. Suicide by asphyxia	1													1													1	
157. Suicide by hanging or strangulation																												
158. Suicide by submersion	1													1													1	
159. Suicide by firearms																												
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	1														1												1	
165a. Luxations																												
166. Other accidental traumatisms	23			1			1	2	2	2		5	1	1	2	3	1	1	1		1					22	1	
167. Burns and scalds	2				1		1				1									1							2	
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	1																			1							1	
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)	4											1	1					1					1				3	1
175. Other acute poisonings	1	1					1																				1	
176. Other external violence	2															2											1	1
Total affections, etc.	37	1		1	1		3	2	2	2	1	6	2	3	3	5	1	2	1	2	1		1			33	4	
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	7	2	1				3					1		1				1			1						3	4
Total ill-defined diseases	7	2	1				3					1		1				1			1						3	4
Total from all causes,	869	142	26	20	16	6	210	17	14	21	30	44	49	48	47	44	56	43	54	55	53	37	27	14	6	469	400	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,489. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF NOVEMBER, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Nov. 1904.	Nov. 1903.	Nov. 1904.	Nov. 1903.		Nov. 1904.	Nov. 1903.	Nov. 1904.	Nov. 1903.
Cholera	—	—	—	—	Measles	46	465	2	—
Chicken-pox	38	54	—	—	Scarlatina	84	122	—	—
Cerebro-spinal Meningitis	1	4	—	—	Smallpox	—	—	1	—
Diphtheria and Croup	202	270	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	84	81	—	—
Tuberculosis	168	131	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,737	Cattle condemned, 8	3,575 lbs.
Calves "	1,068	Calves "	— " "
Sheep "	920	Sheep "	— " "
Hogs "	2,645	Hogs "	1 140 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 1,182 lbs.		Miscellaneous, 5½ bushels.
Poultry (tainted) 2,192 "		
Lamb " — "		
Pork " — "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	745
" "	" " Wagons	730
" "	" brought in by Citizens	8
" "	" for bacteriological examination	389
" "	Vinegar	58
" "	Butter and Cheese	95
	Total Samples,	2,075

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive diagnosis	91
	Positive release	71
	Negative diagnosis	560
	Negative release	177
	"No growth" cultures	10 909
TUBERCULOSIS:	Positive	45
	Negative	166 211
TYPHOID:	Positive	15
	Negative	80
	Atypical	1 96

GLANDERS:	Positive	0
	Negative	5
	Unsatisfactory	0 5
Other examinations:*	Positive	1
	Negative	13
	Unsatisfactory	0 14
Milk samples collected and examined	378	378
Total examinations		1,613

* Malaria, gonorrhoea, urine, diphtheria virulence, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of November, 1904, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.20	46	52	W.	.00	Mean Barometer, 29.93.
2	30.42	40	66	N.-S.	.00	Highest Barometer, 30.58 on the 17th.
3	30.11	48	77	S.W.	.00	Lowest Barometer, 28.92 on the 13th.
4	29.92	50	79	E.	.00	Monthly Range of Barometer, 1.66.
5	29.78	38	68	N.E.	.00	Mean Temperature, 38.2°.
6	29.71	36	69	N.	.00	Highest Temperature, 60° on the 20th.
7	29.70	38	60	W.	.00	Lowest Temperature, 15° on the 29th.
8	29.86	40	51	N.W.	.00	Monthly Range of Temperature, 45°.
9	29.98	36	76	N.	*T	Greatest Daily Range of Temperature, 34° on the 29th.
10	30.16	38	68	N.W.	.00	Least Daily Range of Temperature, 6° on the 24th.
11	30.02	34	71	N.	.00	Mean Daily Range of Temperature, 14.6°.
12	29.82	40	60	S.W.	.00	Mean Daily Dew-point, 27.2.
13	29.76	40	84	S.W.	1.18	Mean Daily Relative Humidity, 66.8.
14	29.44	38	64	N.W.	.38	Prevailing Direction of Wind, N.W.
15	30.10	42	60	W.	.00	Total Movement of Wind, 7,778 miles.
16	30.16	42	62	W.	*T	Highest Velocity of Wind and Direction, 41 miles, N.E. on the 13th.
17	30.56	28	52	N.-N.E.	*T	Number of Foggy Days, 1, on the 4th. Number of Fair Days, 5.
18	30.35	26	71	N.	.00	Number of Clear Days, 13. Number of Cloudy Days, 12.
19	30.10	36	48	N.W.	.00	Total Number of Days on which Rain or Snow fell, 5.
20	29.86	50	58	S.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	29.83	44	70	N.W.	.03	Dates of Auroras, none. Dates of Lunar Halos, 20, 22, 23, 25.
22	29.98	40	64	W.	.00	Dates of Solar Halos, none. Thunder Storm, none.
23	29.92	46	72	W.	.00	Dates of Frosts.
24	29.56	39	84	N.	.03	Mean Maximum Temperature, 45.5°. Mean Minimum Temperature, 30.9°.
25	29.62	36	68	N.W.	.00	MEAN TEMPERATURE for this month in
26	30.01	31	56	W.	.00	Total Precipitation for this Month in Inches.
27	29.94	26	81	W.	*T	1871 37
28	30.13	22	66	N.W.	*T	1872 40
29	30.03	32	72	S.W.	*T	1873 33
30	29.78	46	72	S.W.	.08	1874 41
						1875 34
						1876 40
						1877 43
						1878 40
						1879 39
						1880 37
						1881 42
						1882 38
						1883 42
						1884 41
						1885 44
						1886 43
						1887 42
						1888 45
						1889 45
						1890 42
						1891 41
						1892 41
						1893 42
						1894 38
						1895 45
						1896 46
						1897 41
						1898 42
						1899 42
						1900 45
						1901 37
						1902 46
						1903 40
						1904 38
TOTALS.....	—	—	—	—	1.70	
MEANS.....	29.93	38.2	66.8	N.W.	.057	

*T indicates trace of precipitation.

Average mean temperature for 34 years, 41.

Average monthly precipitation for 34 years, 4.19.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of December, 1904.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of December, 1904 888
Population estimated at 614,522 Rate per 1,000 inhabitants, 17.34

Total number	888	NATIVITY.	
SEX.		United States	501
Males	424	Ireland	179
Females	464	England	23
CONDITION.		Scotland	7
Single	398	Germany	22
Married	306	British America	94
Widowed	172	Italy	21
Divorced	4	Russia	17
Unknown	8	Sweden	5
COLOR.		Other Countries	12
White	870	Unknown	7
Black (Negro or mixed)	17	PARENTAGE.	
Indian	—	United States	193
Chinese	1	Irish	279
Japanese	—	English	20
Total deaths of children, {		Scotch	15
		German	25
		British American	62
Under 1 year		Italian	40
Under 2 years		Russian	19
Under 5 years		Swedish	8
Diarrhœal diseases, {		Other Countries	60
		Mixed	59
		One parent unknown	41
		Unknown	67
		Still-births during the month	49
Under 1 year			
Under 2 years			
Under 5 years			
All ages			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	13									2	1	1	2	2	3		1		1							9	4
2. Ex inthematuos typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	1		1				1																				1
7. Scarlatina	6			2			2	3		1																2	4
8. Whooping cough	2	1	1				2																				2
9. Diphtheria and croup	1			1			1																			1	
9a. Diphtheria	13	1	1	2	1	1	6	6							1											9	4
10. Grippe	6	1					1													1	2		1		1	4	2
11. Miliary Fever																											
12. Aslatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	5	1					1							1	1			1		1						3	2
19. Other epidemic affections																											
20. Purulent infection and septicemia	2														1			1									2
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)	1																					1				1	
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	96	2		2	1	1	6	3	1	1	8	18	14	15	7	12	3	5		1		2				53	43
28. Tubercle of the meninges	2		1			1	2																			1	1
29. Tubercle, abdominal	1															1										1	
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)	2			1			1				1															1	1
33. Tubercle of other organs																											
34. Tubercle, generalized	2										1		1														2
35. Scrofula																											
36. Syphilis																											
3. Tertiary																											
4. Hereditary																											
37. Blennorrhagia of the adult	2	2					2																				2
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	4		1				1													1		1	1			3	1
40. Cancer and other malignant tumors of the stomach and liver	14													2	2		2	1	1	3	1	2				6	8



SUMMARY OF DEATHS IN BOSTON,

With Principal Causes, for the year 1904, compared with those of 1903.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M. D., Chairman.

	1904.	1903.		1904.	1903.
Total No. of deaths from all causes	10,757	10,632	*Influenza	65	83
Population	(Estimated) 614,522	(Estimated) 600,929	*Intermittent fever	2	—
Annual death rate per 1,000 inhabitants	17.50	17.69	*Measles	89	50
Total No. from infectious diseases	2,200	2,270	*Pulmonary, and laryngeal } tuberculosis }	1,269	1,205
Percentage of deaths from infectious } diseases to total mortality . . . }	20.45	21.35	*Puerperal septicæmia	18	23
Total No. of still-births	663	635	*Pyæmia and septicæmia	77	66
Total deaths of children under 1 year	2,207	2,173	*Scarlatina	39	65
“ “ “ “ 2 years	2,662	2,623	*Smallpox	—	13
“ “ “ “ 5 years	3,105	3,079	*Syphilis (congenital)	23	20
Percentage of deaths under 5 years to } total mortality }	28.86	28.96	*Syphilis	13	13
Total No. of deaths from diarrhœal } diseases, under 5 years . . . }	570	595	*Typhoid fever	135	119
Total No. of deaths from diarrhœal } diseases, all ages }	648	665	*Whooping cough	29	108
Percentage of deaths from diarrhœal } diseases to total mortality . . . }	6.02	6.25	*Other infectious diseases	2	1
*Cholera morbus	8	7	Cancer	565	511
*Cholera infantum	206	180	Bright's disease and nephritis	543	563
*Cerebrospinal meningitis	37	47	Bronchitis	273	288
Diarrhœa (simple) and enteritis	414	456	Heart disease	1,056	992
*Dysentery	20	22	Pneumonia	1,323	1,265
*Diphtheria and croup	206	214	Old age	258	287
*Erysipelas	62	34	Violent deaths	555	575

* These diseases are classified as infectious.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1904.	AGE.																				SEX.					
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																							
I. General Diseases.—Concluded.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	5												1	1					1	1						1	4
42. Cancer and other malignant tumors of the genital organs of the female	1															1											
43. Cancer and other malignant tumors of the breast	7														1	1	2	1		1		1					
44. Cancer and other malignant tumors of the skin	1																				1					1	
45. Cancer and other malignant tumors of organs not specified	8												1			1			1		3	1	1				3
46. Other tumors (tumors of the female genital organs excepted)																											
47. Rheumatism, acute, articular																											
48. Rheumatism, chronic, and gout.	3																			1					1		2
49. Scorbutus																											
50. Diabetes	9									2				1	1					1		2	1	1			4
51. Goitre, exophthalmic																											
52. Addison's disease																											
53. Leukemia	1													1													1
54. Anemia, chlorosis	3															1	1						1				3
55. Other general diseases																											
56. Alcoholism, acute and chronic	10													2	3	2			2	1							7
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	221	8	5	8	2	3	26	12	3	4	14	23	21	26	15	18	10	11	8	11	7	7	3		1	113	108
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	10	3		1	2		6			1			1	1	1												6
61a. Meningitis, epidemic cerebrospinal	4		1				1			1		1			1												3
62. Locomotor ataxia, progressive	1																		1								1
63. Other diseases of the spinal cord	3																1	1			1						1
64. Cerebral congestion and hemorrhage	43	1					1			1				2	1	2	3	6	4	3	8	6	4	2		21	22
65. Cerebral softening																											
66. Paralysis, without cause assigned	4																		1	1	2						4
67. General paralysis	4															1			1	1		1					2
68. Other forms of mental alienation																											
69. Epilepsy																											
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	7	7					7																				6
72. Tetanus																											
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	4			1			1	2					1		1												2
75. Diseases of the eye and appendages																											
76. Diseases of the ear	2																	1						1			
Total of the nervous system, etc.,	82	11	1	2	2	1	17				3	2	1	4	3	4	5	8	6	7	8	8	4	2		42	40
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	3										1		1				1										3

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1904.	AGE.																			SEX.								
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory Apparatus.—Concluded.																													
78. Endocarditis, acute	7										3	1			1					1				1			3	4	
79. Organic diseases of the heart	114	1		1		2	3		3	2	3	2	8	9	6	17	10	13	10	15	4	3	4				49	6	
80. Angina pectoris	2															1				1							1	1	
81. Affections of the arteries (atheroma, aneurism, etc.)	8											1	1	1	1			1	1	1		1				5	3		
82. Embolism and thrombosis	4												2							1						1		4	
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)	1																		1								1		
84. Affections of the lymphatic system (lymphangitis, etc.)	3	1				1	1													1							2	1	
85. Hemorrhages	2	1				1						1															2		
86. Other affections of the circulatory apparatus																													
Total of circulatory apparatus	144	3		1		4	5		3	3	6	5	11	11	8	18	10	15	13	18	4	4	5	1			66	78	
IV. Diseases of the Respiratory Apparatus.																													
87. Diseases of the nasal fossæ																													
88. Affections of the larynx	1	1			1																						1		
89. Affections of the thyroid body																													
90. Bronchitis, acute	31	11	1		12							2	1		1	1	1	2	1	4	1	3	2				12	19	
91. Bronchitis, chronic	5											1		1			1				1			1			1	4	
92. Broncho-pneumonia	17	3	5	1	2	11				1		1						1	1	1				1			7	10	
93. Pneumonia	109	7	7	3		17				1	5	4	10	5	10	6	4	10	8	8	6	9	3	1	2		45	64	
94. Pleurisy	5									1			1		3												4	1	
95. Pulmonary congestion and apoplexy	4			1		1						1						1	1								2	2	
96. Gangrene of the lung																													
97. Asthma																													
98. Emphysema, pulmonary																													
99. Other diseases of the respiratory apparatus (phthisis excepted)																													
Total respiratory apparatus	172	22	13	5	2	42			1	7	4	14	8	11	7	8	12	12	11	11	11	6	4	3			72	100	
V. Diseases of the Digestive Apparatus.																													
100. Affections of the mouth and its adnexa																													
101. Affections of the pharynx	1													1														1	
102. Affections of the esophagus																													
103. Ulcer of the stomach	1															1												1	
104. Other affections of the stomach (cancer excepted)	4	1		1		2											1				1						2	2	
105. Diarrhœa and enteritis (under two years)	6	6				6																					1	5	
105a. Diarrhœa and enteritis, chronic																													
106. Diarrhœa and enteritis (two years and over)	5															1		1		2				1			4	1	
107. Parasites, intestinal																													
108. Hernia, intestinal obstructions	15	3				3		1		1					1	2	1	1		1	1	1			2		6	9	
109. Other affections of the intestines																													
110. Icterus, grave	1											1																1	
111. Hydatid tumors of the liver																													
112. Cirrhosis of the liver	7											1	2	1	1		1		1								5	2	
113. Biliary calculi	3												1						1		1							3	
114. Other affections of the liver	3																	2						1			2	1	
115. Affections of the spleen																													

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1904.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,490. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF DECEMBER, 1904, AND FOR THE CORRESPONDING MONTH IN 1903.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	DEC. 1904.	DEC. 1903.	DEC. 1904.	DEC. 1903.		DEC. 1904.	DEC. 1903.	DEC. 1904.	DEC. 1903.
Cholera	—	—	—	—	Measles	27	651	2	—
Chicken-pox	36	51	—	—	Scarlatina	101	188	1	—
Cerebro-spinal Meningitis . .	3	—	—	—	Smallpox	—	1	1	—
Diphtheria and Croup . . .	201	266	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	57	56	—	—
Tuberculosis	172	147	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	3,009	Cattle condemned, 10	5,345 lbs.
Calves "	540	Calves " —	—
Sheep "	533	Sheep " —	—
Hogs "	2,394	Hogs " —	—

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 1,776 lbs.		Miscellaneous, 6½ bushels.
Poultry (tainted) 690 "		
Beef " 75 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	642
" "	" " Wagons	445
" "	" brought in by Citizens	10
" "	" for bacteriological examination	153
" "	Vinegar	54
" "	Butter and Cheese	178
	Total Samples,	1,482

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive diagnosis	94	GLANDERS:	Positive	2
	Positive release	69		Negative	7
	Negative diagnosis	647		Unsatisfactory	1 10
	Negative release,]	196	Other examinations:* Positive	4	
	"No growth" cultures	9 1,015		Negative	5
TUBERCULOSIS:	Positive	73		Unsatisfactory	0 9
	Negative	190 263	Milk samples collected and examined	186	186
TYPHOID:	Positive	13		Total examinations	1,559
	Negative	63			
	Atypical	0 76			

* Malaria, gonorrhea, pneumococcus, diphtheria virulence, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of December, 1904, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.91	34	52	W.	.00	Mean Barometer, 30.00.
2	30.27	24	49	N.W.	.00	Highest Barometer, 30.55 on the 26th.
3	30.38	20	73	N.	*T	Lowest Barometer, 29.10 on the 28th.
4	30.24	26	58	N.W.	.00	Monthly Range of Barometer, 1.45.
5	30.16	26	82	N.W.	.12	Mean Temperature, 26°.
6	30.02	28	59	N.W.	.12	Highest Temperature, 49° on the 23d.
7	29.64	31	75	S.W.	.00	Lowest Temperature, 6° on the 25th.
8	29.49	26	82	W.	.03	Monthly Range of Temperature, 43°.
9	29.88	25	68	W.	*T	Greatest Daily Range of Temperature, 36° on the 24th.
10	29.97	18	60	N.W.	*T	Least Daily Range of Temperature, 7° on the 8th.
11	30.12	14	51	N.W.	*T	Mean Daily Range of Temperature, 14.2°.
12	30.02	22	72	S.W.	*T	Mean Daily Dew-point, 16.6.
13	29.92	24	62	N.-N.W.	.23	Mean Daily Relative Humidity, 67.2.
14	30.26	18	60	N.W.	.00	Prevailing Direction of Wind, N.W.
15	30.32	20	78	N.W.	.00	Total Movement of Wind, 8,004 miles.
16	30.01	28	80	N.	.08	Highest Velocity of Wind and Direction, 33 miles, W.
17	30.10	24	77	W.	.00	Number of Foggy Days, 1.
18	29.80	28	86	N.W.	.36	Number of Fair Days, 10.
19	29.89	30	70	S.W.	.00	Number of Clear Days, 6.
20	29.81	30	64	W.	*T	Total Number of Days on which Rain or Snow fell, 9 (.01).
21	30.02	23	68	N.W.	*T	Depth of Unmelted Snow on ground at end of month, .5.
22	30.26	24	66	S.W.	.00	Dates of Auroras, none.
23	29.90	42	67	S.W.	*T	Dates of Lunar Halos, none.
24	30.17	30	76	N.E.	.00	Dates of Solar Halos, none.
25	30.48	12	52	N.	*T	Thunder Storm, none.
26	30.51	22	73	N.	.02	Dates of Frosts.
27	29.87	35	96	S.E.	1.03	Mean Maximum Temperature, 32.9°.
28	29.30	35	67	W.	.53	Mean Minimum Temperature, 18.7°.
29	29.79	27	50	S.W.	.00	MEAN TEMPERATURE for this month in
30	30.04	29	60	S.W.	.00	Total Precipitation for this Month in Inches.
31	29.78	37	51	S.W.	.00	1871 27.9
TOTALS	—	—	—	—	2.52	1872 23.7
MEANS	30.00	26	67.2	N.W.	.081	1873 31.1
						1874 31.0
						1875 29.0
						1876 21.9
						1877 35.0
						1878 29.5
						1879 32.4
						1880 25.8
						1881 37.8
						1882 30.5
						1883 28.7
						1884 33.1
						1885 32.8
						1886 28.8
						1887 32.1
						1888 35.6
						1889 33.0
						1890 26.0
						1891 40.4
						1892 29.9
						1893 30.4
						1894 32.2
						1895 35.6
						1896 30.4
						1897 34.0
						1898 32.0
						1899 36.2
						1900 33.4
						1901 32.4
						1902 28.5
						1903 29.0
						1904 25.8

*T indicates trace of precipitation.

Average mean temperature for 34 years, 32°.

Average monthly precipitation for 34 years, 3.38.

